

International steel doors

Valid from 01.06.2023

Part **1** BRANDIS FACTORY

Fire-rated doors

Multi-purpose doors

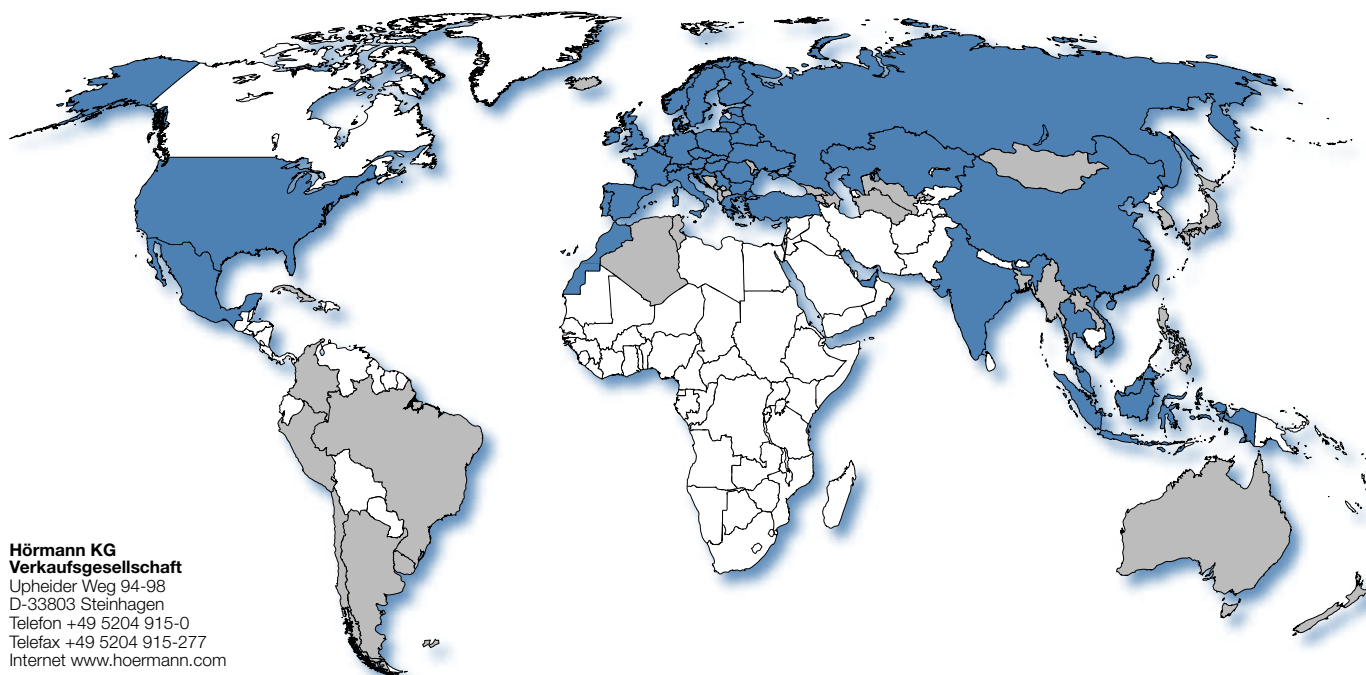
Internal doors

Security doors

HÖRMANN

For internal use only!

Hörmann international sales companies and sales partners



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Hörmann international sales companies

International sales partners

Hörmann international sales companies

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International sales partners

Albania	Bangladesh	Cuba	Laos	Myanmar	The Philippines
Algeria	Bosnia-Herzegovina	Georgia	Luxembourg	New Zealand	Tunesia
Argentina	Brazil	Iceland	Malta	North Macedonia	Turkmenistan
Armenia	Cambodia	Israel	Moldova	Peru	Uruguay
Australia	Chile	Japan	Mongolia	South Korea	Uzbekistan
Azerbaijan	Colombia	Kosovo	Montenegro	Taiwan	

For more information on our sales companies and sales partners, visit www.hoermann.com.

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The current version of our General terms and conditions of sale and delivery is available on our website: www.hoermann.com/en/gtc

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International standard doors price list

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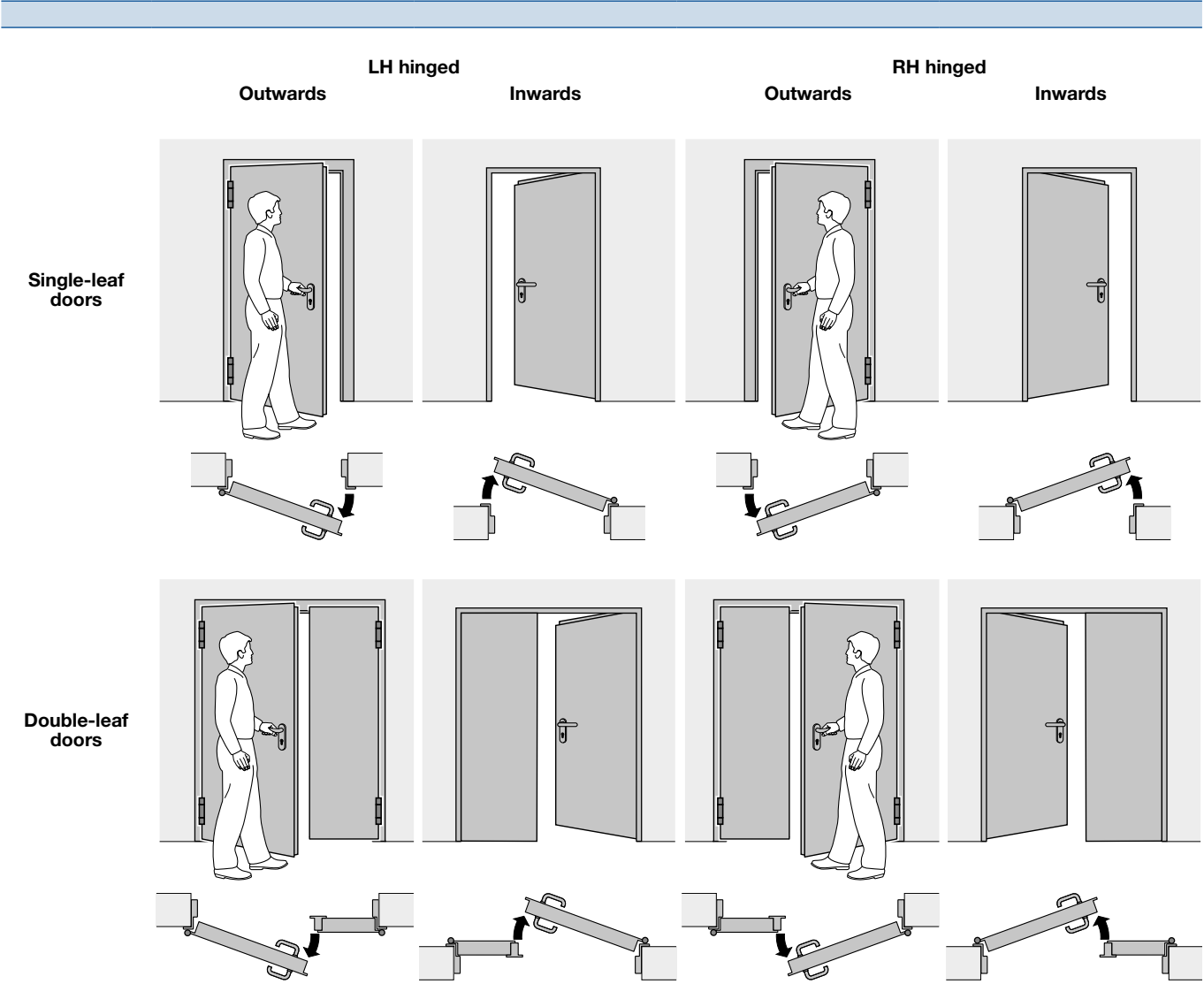
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General information

Handing definition for Hörmann doors



Subject to changes



Brandis factory – fire-rated doors



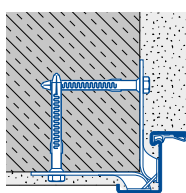
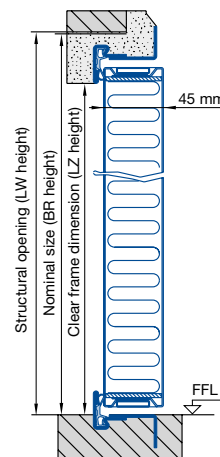
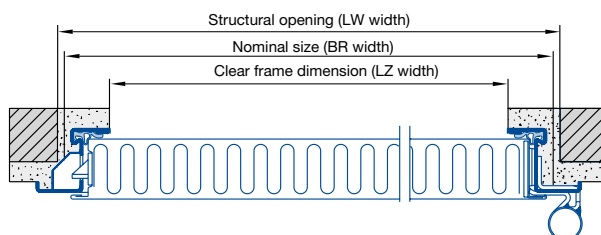
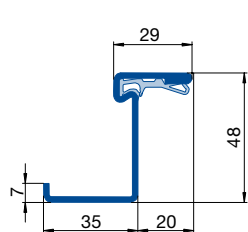
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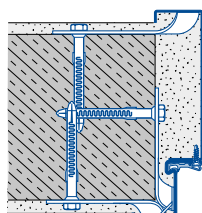


Subject to changes

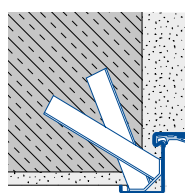
Corner frame



Corner frame with anchor (plug-and-screw fitting, standard)

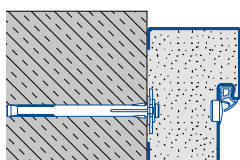
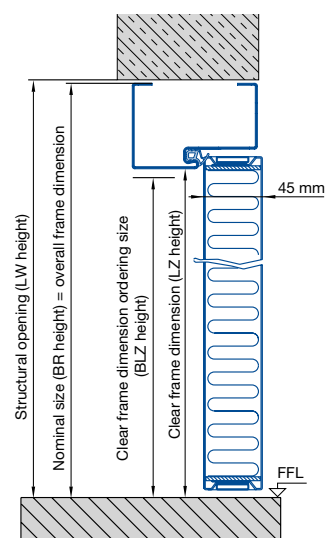
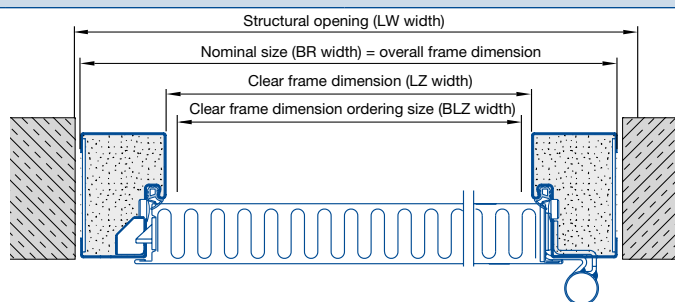
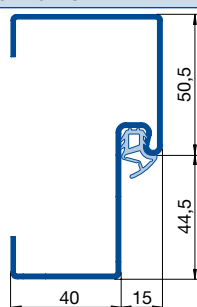


Corner and counter frame with anchor (plug-and-screw fitting)



Corner frame with anchor (fix into the wall)

Reveal frame



Plug-and-screw fitting

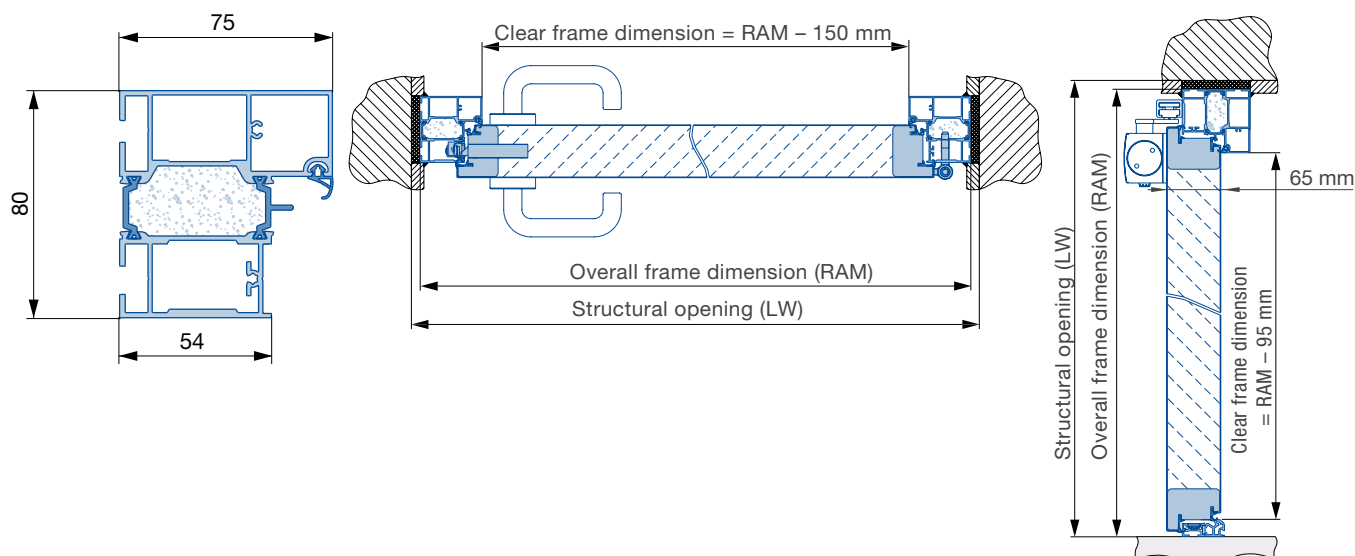
Fire-rated door Basis FS Thermo 65

With aluminium frame (shown with profile A4)

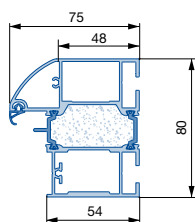


Subject to changes

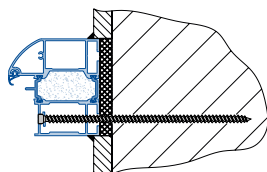
Fitting dimensions



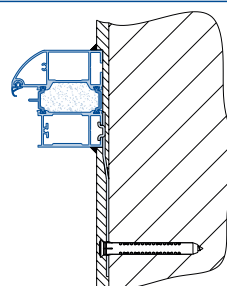
Wall connections for frames



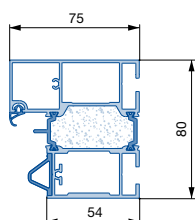
Profile A3



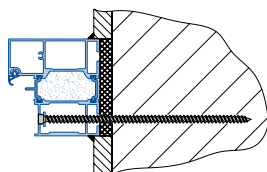
Through-bolt fixing
with frame screw
(drill holes on-site)



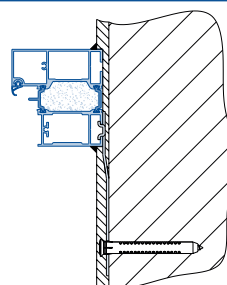
With screw-in anchor



Profile A4

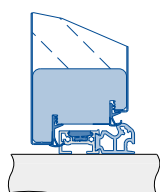


Through-bolt fixing
with frame screw
(drill holes on-site)

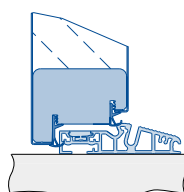


With screw-in anchor

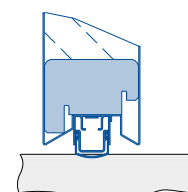
Bottom edge



Threshold rail S11



Threshold S12



Retractable bottom seal



	Fire-rated door		FS Thermo65
H8-5			
Performance characteristics			
Fire protection	T30EI₂30BS30BS60		EI₂30
Safety	-		-
Acoustic insulation, standard value in dB (corner frame, solid door leaf)	39		32
Transmission of heat U _D = W/(m²·K)	1,7		0,85
Product characteristics as standard			
Number of leaves			
Handing	Dual handed		Left-hand hinged or right-hand hinged
Leaf thickness in mm			
Door leaf sheet thickness in mm	0,9		0.8 (0.6 for Decograin)
Frame sheet thickness in mm	2,0		-
Rebate	Thin rebate, 2 sides		Thick rebate, 4 sides
Inlay	Mineral wool		Mineral wool
Lock	Mortise lock, prepared for profile cylinder, with cylinder insert (deadlock) and 1 key		FSTHP 011 Mortise lock, prepared for profile cylinder, with profile cylinder and 5 keys FSTHP 010 Multiple-point locking, prepared for profile cylinder, with profile cylinder and 5 keys
Lever handle set	Fire-rated lever handle set, black, with short escutcheon, for profile cylinder and deadlock key		FSTHP 011 Fire-rated lever handle set, black, with short escutcheon for profile cylinder and deadlock key FSTHP 010 Handle HB 14-2
Hinge	for corner frame	1 spring hinge, 1 construction hinge	-
	for reveal frame	1 spring hinge, 1 height-adjustable construction hinge	3 two-part guide rollers 180 mm, 3-way adjustable
Security bolts	≥ BR 1000 mm height 1 unit, > BR 1250 mm height 2 units		3 units
Seal	Door leaf	-	2 × 4-sided
	Frame (standard)	4-sided	3-sided
Frame	• Corner frame • Corner and counter frame • Reveal frame		• Block frame with thermal break in the reveal, profile A3 • Block frame with thermal break in the reveal, profile A4
Surface	Door leaf	RAL 9002	RAL 9016
	Corner frame	RAL 9002	-
	Reveal frame	RAL 7035	RAL 9016
Door closer	Optional		HDC 35 (included as standard)

T30-1 fire-rated doors

Door set H...30 – Basis H8-5

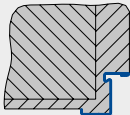
Nominal size (BRM)



Product ID H8-5

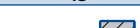
Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf and frame with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black fire-rated lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Nominal size		Structural opening											
					RAL 9002			RAL 7016						
	Width × height	Width × height Hatch BRB + 10 × BRH + 10 Door BRB + 10 × BRH + 5	Door leaf and frame	Lever handle	Seal	Door set price	Door leaf and frame	Lever handle	Seal	Door set price				
Standard sizes 0.9 mm sheet thickness, thin rebate												Dual handed		
T30 H8-5 HBEL30 HBG30 HCH30 HCZ30 HF30 HH30 HLT30 HRUS30 HSLO30 HUA30	750	× 875	760	× 885	579	12	5	596	771	12	5	788		
	800	× 800	810	× 810	579	12	5	596	771	12	5	788		
	875	× 875	885	× 885	579	12	5	596	771	12	5	788		
					1000	1010	579	12	5	596	771	12	5	788
					1250	1260	579	12	5	596	771	12	5	788
	750	× 1750	760	× 1755	579	12	5	596	771	12	5	788		
					1875	1880	579	12	5	596	771	12	5	788
					2000	2005	579	12	5	596	771	12	5	788
	800	× 1800	810	× 1805	579	12	5	596	771	12	5	788		
					1875	1880	579	12	5	596	771	12	5	788
					2000	2005	579	12	5	596	771	12	5	788
	875	× 1750	885	× 1755	579	12	5	596	771	12	5	788		
					1800	1805	579	12	5	596	771	12	5	788
					1875	1880	579	12	5	596	771	12	5	788
					2000	2005	579	12	5	596	771	12	5	788
					2125	2130	709	12	5	726	901	12	5	918
	1000	× 1875	1010	× 1880	606	12	5	623	798	12	5	815		
					2000	2005	606	12	5	623	798	12	5	815
					2125	2130	730	12	5	747	922	12	5	939
Special sizes 0.9 mm sheet thickness, thin rebate												Dual handed		
	from 625	× 800	from 635	× 810	1057	12	5	1074	1249	12	5	1266		
	up to 1000	× 1749	up to 1010	× 1793										
	from 625	× 1750	from 635	× 1755	1243	12	5	1260	1435	12	5	1452		
	up to 1000	× 2125	up to 1010	× 2130										
	up to 1250	× 2134	up to 1260	× 2139	1558	12	5	1575	1750	12	5	1767		

Notice:

Observe the permissible size range for the respective country!

Counter frame (galvanized version) for corner frame				Surcharge on door set with corner frame in €				
	Ordering size			Wall width				
				up to 145	up to 205	up to 270	up to 330	up to 450
	from 625 × 1750							
	up to 1125 × 2125			210	239	276	313	390
up to 1250 × 2134			238	267	301	337	423	

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

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Surfaces / accessories

Surfaces

Optional extras

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T30-1 fire-rated doors

Door set H...30 – Basis H8-5

Structural wall opening (LW)

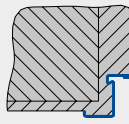
T30

EI₂30

Product ID H8-5

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf and frame with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black fire-rated lever handle set, 1 construction hinge, 1 spring hinge

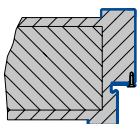
► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Structural opening	Clear frame dimension	 With corner frame RAL 9002				
	Width × height	Width × height Hatch LWB-78 × LWH-78 Door LWB-78 × LWH-39	Door leaf and frame	Lever handle	Seal	Door set price	
Standard sizes 0.9 mm sheet thickness, thin rebate							Dual handed
T30 H8-5 HBEL30 HBG30 HH30 HLT30 HRUS30 HSLO30 HUA30	700 × 810	622 × 732	579	12	5	596	
	800 × 810	722 × 732	579	12	5	596	
	900 × 1200	822 × 1122	579	12	5	596	
	700 × 2000	622 × 1961	579	12	5	596	
	2050	2011	579	12	5	596	
	2100	2061	709	12	5	726	
	800 × 2000	722 × 1961	579	12	5	596	
	2050	2011	579	12	5	596	
	2100	2061	709	12	5	726	
	900 × 2000	822 × 1961	579	12	5	596	
	2050	2011	579	12	5	596	
	2100	2061	709	12	5	726	
	1000 × 2000	922 × 1961	606	12	5	623	
	2050	2011	606	12	5	623	
	2100	2061	730	12	5	747	
	1100 × 2000	1022 × 1961	679	12	5	696	
	2100	2061	801	12	5	818	
	1178 × 2000	1100 × 1961	801	12	5	818	
	2100*	2061	971	12	5	988	
Special sizes 0.9 mm sheet thickness, thin rebate							Dual handed
from 635 × 810			from 557 × 732				
up to 1010 × 1793			up to 932 × 1715				1057
from 635 × 1755			from 557 × 1716				
up to 1010 × 2130			up to 932 × 2091				1243
up to 1260 × 2139			up to 1182 × 2100				1558
							1074
							1260
							1575

* 2 seals in scope of delivery

Notice:

Observe the permissible size range for the respective country!

Counter frame (galvanized version) for corner frame			Surcharge on door set with corner frame in €				
	Ordering size		Wall width				
			up to 145	up to 205	up to 270	up to 330	up to 450
	from 635 × 1755						
	up to 1135 × 2130		210	239	276	313	390
	up to 1260 × 2139		238	267	301	337	423

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

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Surfaces / accessories

Surfaces

Optional extras

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T30-1 fire-rated doors

Door set HRUS30 – Basis H8-5

Structural wall opening (LW)

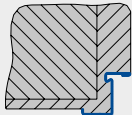


RUS

Product ID H8-5

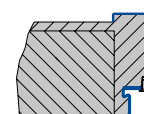
Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 3 sides, door leaf and frame with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black fire-rated lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Structural opening	Clear frame dimension	 With corner frame RAL 9002				
	Width × height	Width × height	Door leaf and frame	Lever handle	Seal	Door set price	
		LWB-78 × LWH-39					
Standard sizes 0.9 mm sheet thickness, thin rebate							Indicate handing!
HRUS30	700 × 2000	622 × 1961	629	12	5	646	
			629	12	5	646	
			759	12	5	776	
	800 × 2000	722 × 1961	629	12	5	646	
			629	12	5	646	
			759	12	5	776	
	900 × 2000	822 × 1961	629	12	5	646	
			629	12	5	646	
			759	12	5	776	
	1000 × 2000	922 × 1961	656	12	5	673	
			656	12	5	673	
			780	12	5	797	
Indicate handing!							
HRUS30	from 635 × 1755	from 557 × 1716					
	up to 1010 × 2130	up to 932 × 2091	1293	12	5	1310	
	up to 1018 × 2139	up to 940 × 2100	1608	12	5	1625	

Notice:

Observe the permissible size range for the respective country!

Counter frame (galvanized version) for corner frame			Surcharge on door set with corner frame in €				
	Ordering size		Wall width				
			up to 145	up to 205	up to 270	up to 330	up to 450
	from 635 × 1755						
	up to 1135 × 2130		210	239	276	313	390
	up to 1260 × 2139		238	267	301	337	423
Counter frame primed (powder-coated) Grey white, similar to RAL 9002							115

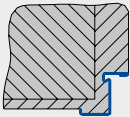
Surfaces / accessories

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BS30-1 fire-rated doors**Door set H...30 – Basis H8-5****Structural wall opening (LW)****BS30****Product ID H8-5**

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 spring hinge, 1 construction hinge (corner frame)

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Structural opening		 With corner frame (RAL 9002)						 With reveal frame (RAL 7035)									
			Clear frame dimension Width x height		Dual handed				Clear frame dimension Width x height		Indicate handing							
			LWB-78 x LWH-39	Door leaf and frame	Lever handle	Seal	Door set price	LWB-120 x LWH-60	Door leaf and frame	Lever handle	Seal	Door set price						
Standard sizes 0.9 mm sheet thickness, thin rebate																		
HBS30	700	x	2000	622	x	1961	579	12	5	596	580	x	1940	1090	12	5	1107	
			2050			2011	579	12	5	596			1990	1090	12	5	1107	
			2100			2061	709	12	5	726			2040	1220	12	5	1237	
	800	x	2000	722	x	1961	579	12	5	596	680	x	1940	1090	12	5	1107	
			2050			2011	579	12	5	596			1990	1090	12	5	1107	
			2100			2061	709	12	5	726			2040	1220	12	5	1237	
	900	x	2000	822	x	1961	579	12	5	596	780	x	1940	1090	12	5	1107	
			2050			2011	579	12	5	596			1990	1090	12	5	1107	
			2100			2061	709	12	5	726			2040	1220	12	5	1237	
	1000	x	2000	922	x	1961	606	12	5	623	880	x	1940	1117	12	5	1134	
			2050			2011	606	12	5	623			1990	1117	12	5	1134	
			2100			2061	730	12	5	747			2040	1241	12	5	1258	
	1100	x	2000	1022	x	1961	679	12	5	696	980	x	1940	1190	12	5	1207	
			2100			2061	801	12	5	818			2040	1312	12	5	1329	
	1178	x	2000	1100	x	1961	801	12	5	818	1058	x	1940	1312	12	5	1329	
			2100*			2061	971	12	5	988			2040	1482	12	5	1494	
Special sizes 0.9 mm sheet thickness, thin rebate																		
	from 635	x	1755	from 557	x	1716	1243	12	5	1260								
	up to 1010	x	2130	up to 932	x	2091												
	up to 1260	x	2139	up to 1182	x	2100	1558	12	5	1575								
	from 687	x	1794								from 567	x	1734	1754	12	5	1771	
	up to 1062	x	2029								up to 942	x	1969					
	up to 1312	x	2163								up to 1192	x	2103					2069

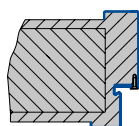
* 2 seals in scope of delivery

Notice:

Observe the permissible size range for the respective country!

HS

Important:
Recognition only for British Standard!

Counter frame (galvanized version) for corner frame**Surcharge on door set with corner frame in €**

Ordering size	Wall width					
	up to 145	up to 205	up to 270	up to 330	up to 450	
from 635 x 1755						
up to 1135 x 2130	210	239	276	313	390	
up to 1260 x 2139	238	267	301	337	423	

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

115**Surfaces / accessories****Page**

Surfaces

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Optional extras

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T30-1 fire-rated doors

Door set H...30 – Basis H8-5

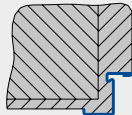
Clear frame dimensions (LZ)



Product ID H8-5

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf and frame with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black fire-rated lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Clear frame dimension		Structural opening								
	Width × height		Width × height Hatch LZB + 78 × LZH + 78 Door LZB + 78 × LZH + 39		Door leaf and frame	Lever handle	Seal	Door set price			
Standard sizes 0.9 mm sheet thickness, thin rebate										Dual handed	
T30 H8-5 HA 30 HBG30 HCZ30 HF30 HH30 HPL 30	700	×	800	778	×	878	579	12	5	596	
	800	×	800	878	×	878	579	12	5	596	
			1190			1268	579	12	5	596	
	600	×	1970	678	×	2009	579	12	5	596	
			2000			2039	579	12	5	596	
	700	×	1970	778	×	2009	579	12	5	596	
			2000			2039	579	12	5	596	
	800	×	1850	878	×	1889	579	12	5	596	
			1970			2009	579	12	5	596	
			2000			2039	579	12	5	596	
			2025			2064	579	12	5	596	
			2100			2139	709	12	5	726	
	850	×	1850	928	×	1889	606	12	5	623	
			2000			2039	606	12	5	623	
	900	×	1850	978	×	1889	606	12	5	623	
			1970			2009	606	12	5	623	
			2000			2039	606	12	5	623	
			2025			2064	606	12	5	623	
			2100			2139	730	12	5	747	
	1000	×	1970			2009	673	12	5	690	
			2000			2039	673	12	5	690	
			2025			2064	673	12	5	690	
			2100			2139	801	12	5	818	
Special sizes 0.9 mm sheet thickness, thin rebate										Dual handed	
	from 557	×	682	from 635	×	760	1057	12	5	1074	
	up to 932	×	1681	up to 1010	×	1759					
	from 557	×	1716	from 635	×	1755	1243	12	5	1260	
	up to 932	×	2091	up to 1010	×	2005					
	up to 1182	×	2100	up to 1260	×	2139	1558	12	5	1575	

Notice:

Observe the permissible size range for the respective country!

Counter frame (galvanized version) for corner frame				Surcharge on door set with corner frame in €			
	Ordering size		Wall width				
			up to 145	up to 205	up to 270	up to 330	up to 450
	from 557	× 1716					
	up to 1057	× 2091	210	239	276	313	390
	up to 1182	× 2100	238	267	301	337	423
Counter frame primed (powder-coated) Grey white, similar to RAL 9002							
115							

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EL₂30-1 fire-rated doors

Door set – Basis FS Thermo 65

With thermal break



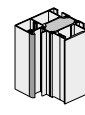
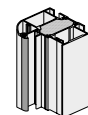
Overall frame dimension (RAM) = nominal size

Product ID FSTP

Door leaf thickness 65 mm, sheet thickness 0.8 mm, thick rebate, rebated on 4 sides, mineral wool insert, mortise lock (single-point locking), black plastic rose escutcheon, 3 two-part guide rollers, three-way adjustable, door closer HDC 35

- Steel door leaf overlapping the door leaf with thermal break, exterior and interior in the same colour
- Aluminium frame
- Single-point lock

► Ordering size = overall frame dimension (nominal size)



Profile A3

Profile A4

View	Style description	Size (RAM)	RAL 9016	MatchColor	Colour	Matt deluxe	Decograin
	FSTHP 011 - Smooth sheet - Rose escutcheon lever handle / lever handle, type D-110, black plastic - Overhead door closers - with threshold S11	875 × 2000	2108	2246	2246	2353	2385
		875 × 2125					
		1000 × 2000	2172	2310	2310	2417	2449
		1000 × 2100					
		1000 × 2125					
		1100 × 2100	2603	2741	2741	2848	2880
		1150 × 2200					
	from 850 × 1750						
	up to 1250 × 2250						
► U _D value for size 1230 × 2180 mm: 0.85 W/(m ² ·K)							
	FSTHP 016 - Ribbed sheet with 7 ribs (exterior) - Rose escutcheon lever handle / lever handle, type D-110, black plastic - Overhead door closers - with threshold S11	875 × 2000	2205	2343	2343	2450	2482
		875 × 2125					
		1000 × 2000	2269	2407	2407	2514	2546
		1000 × 2100					
		1000 × 2125					
		1100 × 2100	2700	2838	2838	2945	2977
		1150 × 2200					
	from 875 × 1875						
	up to 1250 × 2250						
► U _D value for size 1230 × 2180 mm: 0.85 W/(m ² ·K)							
	FSTHP 516 - Ribbed sheet with 3 ribs (exterior) - Rose escutcheon lever handle / lever handle, type D-110, black plastic - Overhead door closers - with threshold S11	875 × 2000	2205	2343	2343	2450	2482
		875 × 2125					
		1000 × 2000	2269	2407	2407	2514	2546
		1000 × 2100					
		1000 × 2125					
		1100 × 2100	2700	2838	2838	2945	2977
		1150 × 2200					
	from 875 × 1875						
	up to 1250 × 2250						
► U _D value for size 1230 × 2180 mm: 0.85 W/(m ² ·K)							
	FSTHP 611S - Smooth sheet 3 panes of insulated glass, middle pane Satinato - Rose escutcheon lever handle / lever handle, type D-110, black plastic - Overhead door closers - with threshold S11	875 × 2000	3822	3960	3960	4069	-
		875 × 2125					
		1000 × 2000	3886	4024	4024	4133	-
		1000 × 2100					
		1000 × 2125					
		1100 × 2100	4317	4455	4455	4564	-
		1150 × 2200					
	from 875 × 1875						
	up to 1250 × 2250						
► U _D value for size 1230 × 2180 mm: 0.99 W/(m ² ·K)							
	FSTHP 611F - Smooth sheet 3 panes of insulated glass, middle pane clear - Rose escutcheon lever handle / lever handle, type D-110, black plastic - Overhead door closers - with threshold S11	875 × 2000	3822	3960	3960	4069	-
		875 × 2125					
		1000 × 2000	3886	4024	4024	4133	-
		1000 × 2100					
		1000 × 2125					
		1100 × 2100	4317	4455	4455	4564	-
		1150 × 2200					
	from 875 × 1875						
	up to 1250 × 2250						
► U _D value for size 1230 × 2180 mm: 0.99 W/(m ² ·K)							

El₂30-1 fire-rated doors

Door set – Basis FS Thermo 65

With thermal break



Nominal size

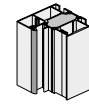
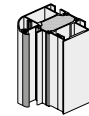
Overall frame dimension (RAM) = nominal size

Product ID FSTP

Door leaf thickness 65 mm, sheet thickness 0.8 mm, thick rebate, rebated on 4 sides, mineral wool insert, multiple-point locking, handle HB 14-2, 3 two-part guide rollers, three-way adjustable, door closer HDC 35

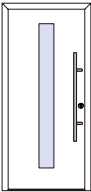
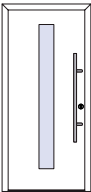
- Steel door leaf overlapping the door leaf with thermal break, exterior and interior in the same colour
- Aluminium frame
- Multiple-point locking

► Ordering size = overall frame dimension (nominal size)



Profile A3

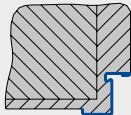
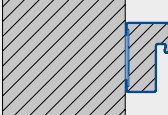
Profile A4

View	Style description	Size (RAM)	RAL 9016	MatchColor	Colour	Matt deluxe	Decograin
	FSTHP 010 • Smooth sheet • Handle HB 14-2 • Overhead door closers • with threshold S11	875 × 2000	2386	2524	2524	2631	2663
		875 × 2125					
		1000 × 2000	2450	2588	2588	2695	2727
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
		1150 × 2200	2881	3019	3019	3126	3158
		from 850 × 1875					
up to 1250 × 2250							
► U _p value for size 1230 × 2180 mm: 0.85 W/(m²·K)							
	FSTHP 015 • Ribbed sheet with 7 ribs (exterior) • Handle HB 14-2 • Overhead door closers • with threshold S11	875 × 2000	2483	2621	2621	2728	2760
		875 × 2125					
		1000 × 2000	2547	2685	2685	2792	2824
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
		1150 × 2200	2978	3116	3116	3223	3255
		from 875 × 1875					
up to 1250 × 2250							
► U _p value for size 1230 × 2180 mm: 0.85 W/(m²·K)							
	FSTHP 515 • Ribbed sheet with 3 ribs (exterior) • Handle HB 14-2 • Overhead door closers • with threshold S11	875 × 2000	2483	2621	2621	2728	2760
		875 × 2125					
		1000 × 2000	2547	2685	2685	2792	2824
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
		1150 × 2200	2978	3116	3116	3223	3255
		from 875 × 1875					
up to 1250 × 2250							
► U _p value for size 1230 × 2180 mm: 0.85 W/(m²·K)							
	FSTHP 610S • Smooth sheet • 3 panes of insulated glass, middle pane Satinato • Handle HB 38-2 • Overhead door closers • with threshold S11	875 × 2000	4100	4238	4238	4347	-
		875 × 2125					
		1000 × 2000	4164	4302	4302	4411	-
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
		1150 × 2200	4595	4733	4733	4842	-
		from 875 × 1875					
up to 1250 × 2250							
► U _p value for size 1230 × 2180 mm: 0.85 W/(m²·K)							
	FSTHP 610F • Smooth sheet • 3 panes of insulated glass, middle pane clear • Handle HB 38-2 • Overhead door closers • with threshold S11	875 × 2000	4100	4238	4238	4347	-
		875 × 2125					
		1000 × 2000	4164	4302	4302	4411	-
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
		1150 × 2200	4595	4733	4733	4842	-
		from 875 × 1875					
up to 1250 × 2250							
► U _p value for size 1230 × 2180 mm: 0.85 W/(m²·K)							

BS60-1 fire-rated doors**Door set H...60 – Basis H8-5****Structural wall opening (LW)****Product ID H8-5**

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description (scope of approval)

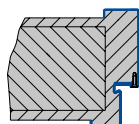
Door type	Structural opening																
			With corner frame (RAL 9002)							With reveal frame (RAL 7035)							
			Clear frame dimension Width x height		Dual handed					Clear frame dimension Width x height		Indicate handing					
	Width x height		LWB-78 x LWH-39		Door leaf and frame	Lever handle	Seal	Door set price	LWB-120 x LWH-60		Door leaf and frame	Lever handle	Seal	Door set price			
Standard sizes 0.9 mm sheet thickness, thin rebate																	
HBS60	700	x	2000	622	x	1961	678	12	5	695	580	x	1940	1189	12	5	1206
			2050			2011	678	12	5	695			1990	1189	12	5	1206
			2100			2061	808	12	5	825			2040	1319	12	5	1336
	800	x	2000	722	x	1961	678	12	5	695	680	x	1940	1189	12	5	1206
			2050			2011	678	12	5	695			1990	1189	12	5	1206
			2100			2061	808	12	5	825			2040	1319	12	5	1336
	900	x	2000	822	x	1961	678	12	5	695	780	x	1940	1189	12	5	1206
			2050			2011	678	12	5	695			1990	1189	12	5	1206
			2100			2061	808	12	5	825			2040	1319	12	5	1336
	1000	x	2000	922	x	1961	705	12	5	722	880	x	1940	1216	12	5	1233
			2050			2011	705	12	5	722			1990	1216	12	5	1233
			2100			2061	829	12	5	846			2040	1340	12	5	1357
	1100	x	2000	1022	x	1961	778	12	5	795	980	x	1940	1289	12	5	1306
			2100			2061	900	12	5	917			2040	1411	12	5	1428
Special sizes 0.9 mm sheet thickness, thin rebate																	
	from 635	x	1755	from 557	x	1716											
	up to 1010	x	2130	up to 932	x	2091	1342	12	5	1359							
	up to 1155	x	2139	up to 1077	x	2100	1657	12	5	1674							
	from 687	x	1794							from 567	x	1734					
	up to 1062	x	2029							up to 942	x	1969	1853	12	5	1870	
	up to 1312	x	2163							up to 1192	x	2103	2168	12	5	2185	

Notice:

Observe the permissible size range for the respective country!

HS

Important:
Recognition only for British Standard!

Counter frame (galvanized version) for corner frame**Surcharge on door set with corner frame in €**

Ordering size	Wall width					
	up to 145	up to 205	up to 270	up to 330	up to 450	
from 635 x 1755						
up to 1135 x 2130	210	239	276	313	390	
up to 1155 x 2139	238	267	301	337	423	

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

115**Surfaces / accessories****Page**

Surfaces

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Optional extras

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Surfaces for fire-rated doors



H8-5			
Standard colour			
RAL 9002 Grey white			
Campaign colour		Surcharge on RAL 9002	
RAL 7016 Anthracite grey	From 1 door	Per door leaf	115
		Per frame	77
Colour		Surcharge on RAL 9002	
- RAL 7035 Light grey - RAL 9016 Traffic white	From 20 doors*	Per door leaf	224
		Per frame	147
RAL of your choice		Surcharge on RAL 9002	
RAL of your choice	From 20 doors*	Per door leaf	259
		Per frame	166

Notice

* Colour and RAL of your choice can only be offered from the factory for order quantities of 20 or more.

FS Thermo65			
Standard colour (silk matt, 35 – 40%)			
RAL 9016 Traffic white			
MatchColor (silk matt, 35 – 40%)			
- CH 703 Anthracite metallic - RAL 7030 Stone grey - RAL 8028 Terra brown	- RAL 7012 Basalt grey - RAL 7035 Light grey - RAL 9005 Jet black	- RAL 7015 Slate grey - RAL 7039 Quartz grey	- RAL 7016 Anthracite grey - RAL 7040 Window grey
Colour (silk matt, 35 – 40%)			
- CH 907 Grey aluminium - RAL 6005 Moss green - RAL 9006 White aluminium	- RAL 1015 Light ivory - RAL 6009 Fir green - RAL 9007 Grey aluminium	- RAL 3003 Ruby red - RAL 7037 Dusty grey	- RAL 5010 Gentian blue - RAL 9002 Grey white
Matt deluxe (matt, 3 – 8%)			
- CH 703 Matt deluxe - CH 9006 Matt deluxe	- CH 905 Matt deluxe - CH 9007 Matt deluxe	- CH 7016 Matt deluxe - CH 9016 Matt deluxe	CH 8028 Matt deluxe
Decograin			
- Dark Oak - Winchester Oak	Golden Oak	Night Oak	Titan Metallic CH 703

Notice:

* For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.



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Nominal size	23
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Structural opening	31
Clear frame dimension	32
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Multi-purpose door MZ – identical construction to H8-5



MZ

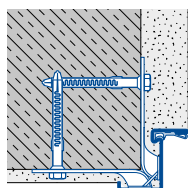
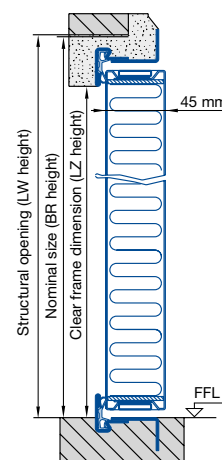
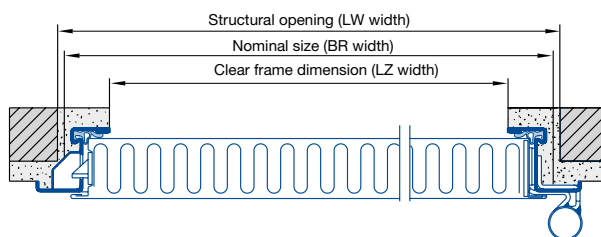
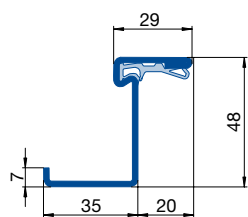


MZ
Sentinel

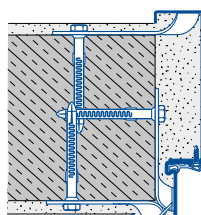


Subject to changes

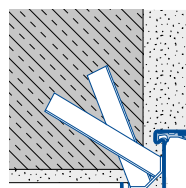
Corner frame



Corner frame with anchor
(plug-and-screw fitting)

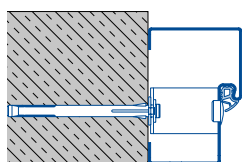
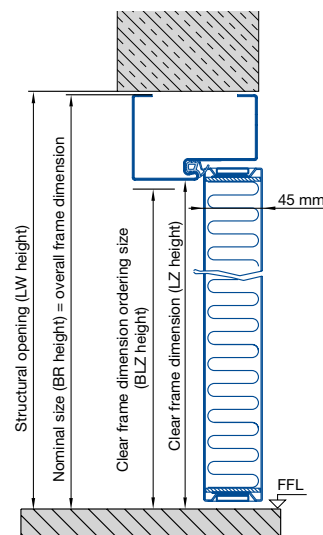
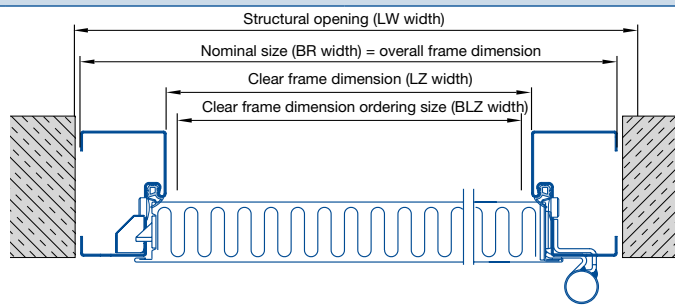
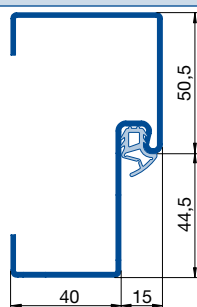


Corner and counter frame with
anchor (plug-and-screw fitting)



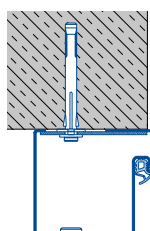
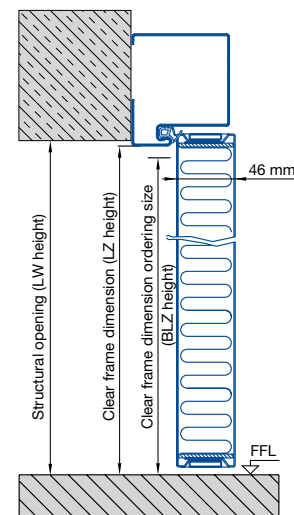
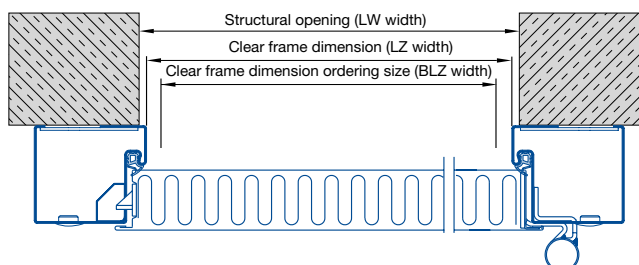
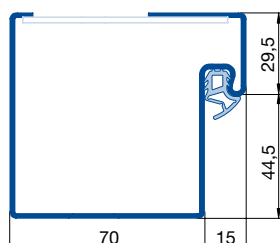
Corner frame with anchor
(fix into the wall)

Reveal frame



Plug-and-screw fitting

Add-on frame



Plug-and-screw fitting

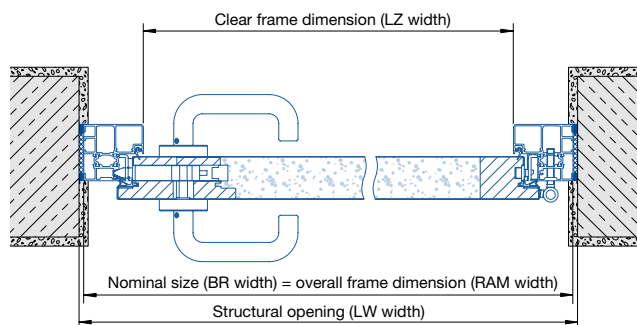
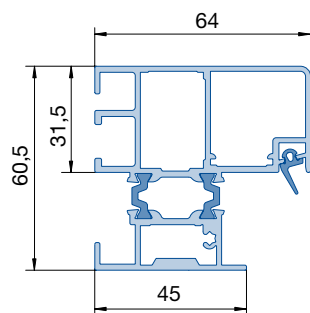
Multi-purpose door with thermal break MZ Thermo 46

With aluminium frame (profile A2)



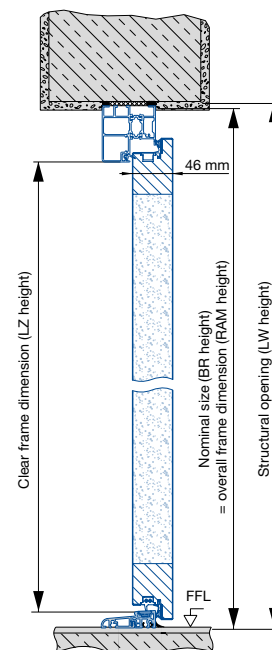
Subject to changes

Fitting dimensions

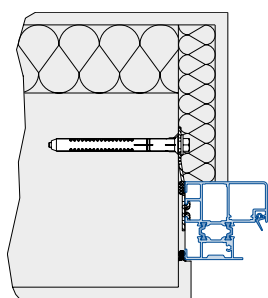


Nominal size (ordering size)

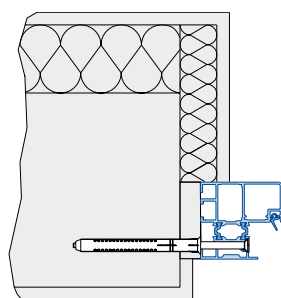
Clear frame dimension	BR width – 128 mm	BR height – 84 mm
Structural opening	BR width + 20 mm	BR height + 10 mm



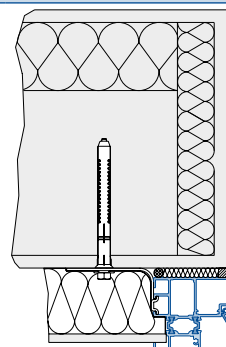
Fitting method



Fitting with screw-in anchor
(Plug-and-screw fitting)

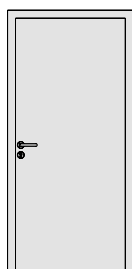


Through-bolt fixing
(drill holes on-site)

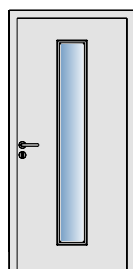


Fitting with screw-in anchor
(Plug-and-screw fitting)

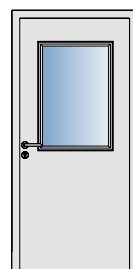
Front view



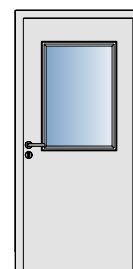
MZ Thermo 46 – TPS 011



MZ Thermo 46 – TPS 021S
Laminated safety glass for exterior,
Satinato single-pane safety glass
for interior,
clear view 146 × 1594 mm



MZ Thermo 46 – TPS 051S
Laminated safety glass for exterior,
Satinato single-pane safety glass
for interior,
clear view 531 × 887 mm



MZ Thermo 46 – TPS 051F
Laminated safety glass for exterior,
clear single-pane safety glass
for interior,
clear view 531 × 887 mm

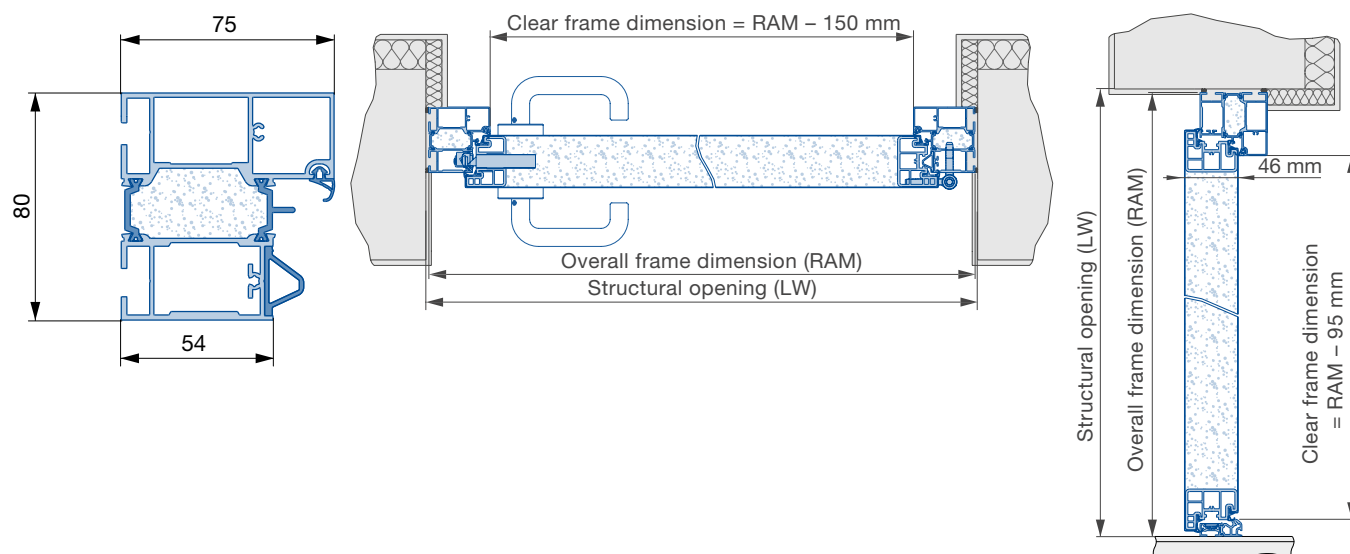
Multi-purpose door with thermal break MZ Thermo 65

With aluminium frame (profile A4)

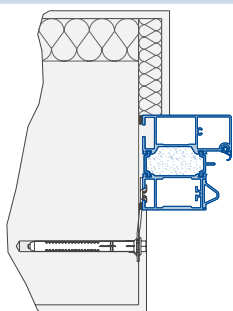


Subject to changes

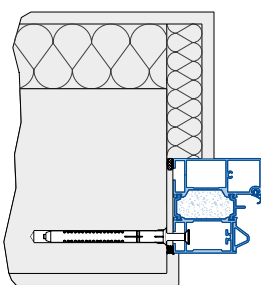
Fitting dimensions



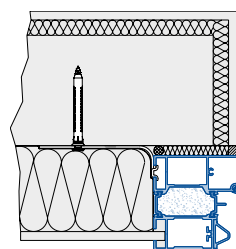
Wall connections for frames



Fitting with screw-in anchor
(Plug-and-screw fitting)

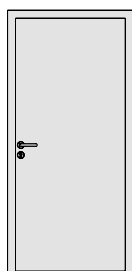


Through-bolt fixing
(drill holes on-site)

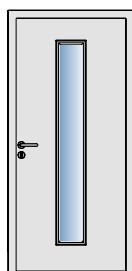


Fitting with screw-in anchor
(Plug-and-screw fitting)

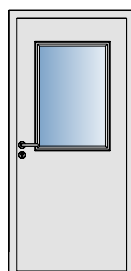
View of MZ Thermo65



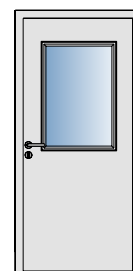
MZ Thermo65 – THP 011
Without glazing cut-out



MZ Thermo65 – THP 021S
Laminated safety glass for exterior,
float glass, Satinato single-pane
safety glass for interior,
clear view 146 × 1594 mm



MZ Thermo65 – THP 051S
Laminated safety glass for exterior,
float glass, Satinato single-pane
safety glass for interior,
clear view 528 × 885 mm



MZ Thermo 65 – THP 051F
Laminated safety glass for exterior,
float glass, single-pane safety glass
for interior,
clear view 528 × 885 mm

Brandis factory – multi-purpose doors



	Multi-purpose door			Multi-purpose door with thermal break	
	MZ	MZ Sentinel	MZ Sentinel MultiPoint	MZ Thermo 46	MZ Thermo 65
Performance characteristics					
Fire protection	-	-	-	-	-
Safety	-	-	-	-	-
Acoustic insulation, standard value in dB (corner frame, solid door leaf)	39	39	-	29 dB (TPS 011)	31 (THP 011)
Transmission of heat $U_D = W/(m^2 \cdot K)$	1,7	1,7	1,7	1.1 (TPS 011)	0.87 (THP 011)
Product characteristics as standard					
Number of leaves					
Handing	 Dual handed	Left-hand hinged or right-hand hinged	Left-hand hinged or right-hand hinged	Left-hand hinged or right-hand hinged	Left-hand hinged or right-hand hinged
Leaf thickness in mm					
Door leaf sheet thickness in mm	0,9	0,9	0,9	0,8 (0.6 for Decograin)	0,8 (0.6 for Decograin)
Frame sheet thickness in mm	2,0	2,0	2,0	-	-
Rebate	Thin rebate, 2 sides	Thin rebate, 3 sides	Thin rebate, 3 sides	Thick rebate, 4 sides	Thick rebate, 4 sides
Inlay	Mineral wool	Mineral wool	Mineral wool	PU-foam	PU-foam
Lock	Mortise lock, prepared for profile cylinder, with deadlock insert and 1 key	Mortise lock, prepared for profile cylinder, with deadlock insert and 1 key	Surface-mounted multiple-point locking	Mortise lock, prepared for profile cylinder, with profile cylinder and 3 keys	Mortise lock, prepared for profile cylinder, with profile cylinder and 3 keys
Lever handle set	Fire-rated lever handle set, black, with short escutcheon, for profile cylinder and deadlock key	Fire-rated lever handle set, black, with short escutcheon, for profile cylinder and deadlock key	Optionally with bar handle or touch bar on the inside	Lever handle set, black, with rose escutcheons, for profile cylinder	Lever handle set, black, with rose escutcheons, for profile cylinder
Hinge	for corner frame	1 spring hinge, 1 construction hinge	1 spring hinge, 1 height-adjustable construction hinge	-	-
	for reveal and add-on frame	1 spring hinge, 1 height-adjustable construction hinge	1 spring hinge, 1 height-adjustable construction hinge	3 two-part guide rollers 180 mm, 3-way adjustable	3 two-part guide rollers 180 mm, 3-way adjustable
Security bolts	2 units	2 units	2 units	3 units	Continuous security strip on the hinge side
Seal	Door leaf	-	-	4-sided	2 x 4-sided
	Frame (standard)	4-sided	4-sided	3-sided	3-sided
Frame	• Corner frame • Corner and counter frame • Reveal frame • Add-on frame	• Corner frame • Corner and counter frame • Reveal frame • Add-on frame	• Corner frame • Reveal frame	• Block frame with thermal break in the reveal, profile A2	• Block frame with thermal break in the reveal, profile A4
Surface	Door leaf	RAL 9002	RAL 9002	RAL 9002	RAL 9016
	Corner frame	RAL 9002	RAL 9002	RAL 9002	-
	Reveal and add-on frame	RAL 7035	RAL 7035	RAL 7035	RAL 9016

Multi-purpose doors

Door set MZ-1 (Basis H8-5)

Nominal size (BRM)

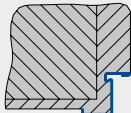
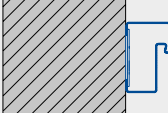


Nominal size

Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Door type	Nominal size	 With corner frame										 With reveal frame (RAL 7035) Nominal size (ordering size) = overall frame dimension									
		Width × height	Structural opening Width × height	Dual handed								Structural opening Width × height	Indicate handing								
				RAL 9002				RAL 7016					Door leaf and frame				Lever handle				Seal
			BRB + 10 × BRH + 5	Door leaf and frame	Lever handle	Seal	Door set	Door leaf and frame	Lever handle	Seal	Door set		BRB + 10 × BRH + 5	Door leaf and frame	Lever handle	Seal	Door set				

Standard sizes 0.9 mm sheet thickness, thin rebate

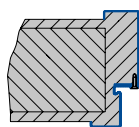
MZ-1	750 × 1750 1875 2000	760 × 1755 1880 2005	579	12	5	596	771	12	5	788	760 × 1755 1880 2005	1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
	800 × 1800 1875 2000	810 × 1805 1880 2005	579	12	5	596	771	12	5	788	810 × 1805 1880 2005	1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
	875 × 1750 1800 1875 2000 2125	885 × 1755 1805 1880 2005 2130	579	12	5	596	771	12	5	788	885 × 1755 1805 1880 2005 2130	1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
			579	12	5	596	771	12	5	788		1012	12	5	1029
			709	12	5	726	901	12	5	918		1142	12	5	1159
	1000 × 1875 2000 2125	1010 × 1880 2005 2130	606	12	5	623	798	12	5	815	1010 × 1880 2005 2130	1039	12	5	1056
			606	12	5	623	798	12	5	815		1039	12	5	1056
			730	12	5	747	922	12	5	939		1163	12	5	1180
	1125 × 2125 1250 × 2000 2125	1135 × 2130 1260 × 2005 2130	801	12	5	818	993	12	5	1010	1135 × 2130 1260 × 2005 2130	1234	12	5	1251
			801	12	5	818	993	12	5	1010		1234	12	5	1251
			971	12	5	988	1163	12	5	1180		1404	12	5	1421

Special sizes 0.9 mm sheet thickness, thin rebate

MZ-1	from 625 × 1570 up to 1000 × 2125	from 635 × 1575 up to 1010 × 2130	1243	12	5	1260	1435	12	5	1452					
	up to 1250 × 2134	up to 1260 × 2139	1558	12	5	1575	1750	12	5	1767					
	from 677 × 1594 up to 1052 × 2149										from 687 × 1599 up to 1062 × 2154	1676	12	5	1693
	up to 1302 × 2158										up to 1312 × 2163	1991	12	5	2008

Counter frame (galvanized version) for corner frame

Surcharge on door set with corner frame in €



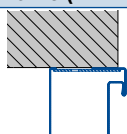
Nominal size	Wall width				
	up to 145	up to 205	up to 270	up to 330	up to 450
from 625 × 1570					
up to 1125 × 2125	210	239	276	313	390
up to 1250 × 2134	238	267	301	337	423

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

115

Add-on frame (RAL 7035)

€



Nominal size Width × height	Structural opening Width × height	
from 625 × 1570	from 577 × 1544	► Surcharge on door set with corner frame
up to 1000 × 2125	up to 952 × 2099	

563

Surfaces / accessories

Page

Surfaces	35
Glazing cut-outs	103
Optional extras	105 – 117

Multi-purpose doors

Door set MZ-1 (Basis H8-5)

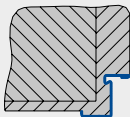
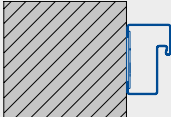
Structural wall opening (LW)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Door type	Structural opening													
			With corner frame (RAL 9002)						With reveal frame (RAL 7035)					
			Clear frame dimension Width × height LWB-78 × LWH-39		Dual handed				Clear frame dimension Width × height LWB-120 × LWH-60		Indicate handing			
	Width × height		Door leaf and frame	Lever handle	Seal	Door set price		Door leaf and frame	Lever handle	Seal	Door set price			
Standard sizes 0.9 mm sheet thickness, thin rebate														
MZ-1	700 × 2000	2050	622 × 1961	2011	579	12	5	596	580 × 1940	1990	1012	12	5	1029
		2100		2061	709	12	5	726		2040	1142	12	5	1159
	800 × 2000	2050	722 × 1961	2011	579	12	5	596	680 × 1940	1990	1012	12	5	1029
		2100		2061	709	12	5	726		2040	1142	12	5	1159
	900 × 2000	2050	822 × 1961	2011	579	12	5	596	780 × 1940	1990	1012	12	5	1029
		2100		2061	709	12	5	726		2040	1142	12	5	1159
	1000 × 2000	2050	922 × 1961	2011	606	12	5	623	880 × 1940	1990	1039	12	5	1056
		2100		2061	730	12	5	747		2040	1163	12	5	1180
	1100 × 2000	2100	1022 × 1961	2061	801	12	5	818	980 × 1940	2040	1234	12	5	1251
					801	12	5	818			1234	12	5	1251
	1120 × 2100		1042 × 2061		801	12	5	818	1000 × 2040		1234	12	5	1251
					801	12	5	818			1234	12	5	1251
1200 × 2000	2100	1122 × 1961	2061	801	12	5	818	1080 × 1940	2040	1234	12	5	1251	
				971	12	5	988			1404	12	5	1421	
1300 × 2000								1180 × 1940		1395	12	5	1412	
	2100									1538	12	5	1555	
Special sizes 0.9 mm sheet thickness, thin rebate														
MZ-1	from 635 × 1575	from 557 × 1536												
	up to 1010 × 2130	up to 932 × 2091	1243	12	5	1260								
	up to 1260 × 2139	up to 1182 × 2100	1558	12	5	1575								
							from 567 × 1539							
							up to 942 × 2094		1676	12	5	1693		
							up to 1192 × 2103		1991	12	5	2008		

Counter frame (galvanized version) for corner frame				Surcharge on door set with corner frame in €			
Ordering size		Wall width					
		up to 145	up to 205	up to 270	up to 330	up to 450	
from 635 × 1575							
up to 1135 × 2130		210	239	276	313	390	
up to 1260 × 2139		238	267	301	337	423	

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

115

Add-on frame (RAL 7035)				€
Structural opening Width × height		Clear frame dimension Width × height		
		from 557 × 1539	up to 932 × 2094	
► Surcharge on door set with corner frame				563

Surfaces / accessories	Page
Surfaces	35
Glazing cut-outs	103
Optional extras	105 – 117

Multi-purpose doors

Door set MZ-1 (Basis H8-5)

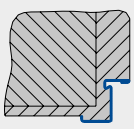
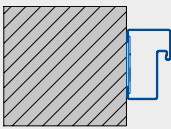
Clear frame dimensions (LZ)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension Width x height	 With corner frame (RAL 9002)				 With reveal frame (RAL 7035)			
		Structural opening Width x height LZB + 78 x LZH + 39	Dual handed			Structural opening Width x height LZB + 130 x LZH + 63	Indicate handing		

Standard sizes 0.9 mm sheet thickness, thin rebate

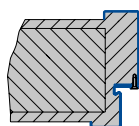
MZ-1	600 x	1970	678 x	2009	579	12	5	596	730 x	2033	1012	12	5	1029
		2000		2039	579	12	5	596		2063	1012	12	5	1029
		2100		2139	709	12	5	726		2163	1142	12	5	1159
	700 x	1970	778 x	2009	579	12	5	596	830 x	2033	1012	12	5	1029
		2000		2039	579	12	5	596		2063	1012	12	5	1029
		2100		2139	709	12	5	726		2163	1142	12	5	1159
	800 x	1970	878 x	2009	579	12	5	596	930 x	2033	1012	12	5	1029
		1980		2019	579	12	5	596		2043	1012	12	5	1029
		2000		2039	579	12	5	596		2063	1012	12	5	1029
		2025		2064	579	12	5	596		2088	1012	12	5	1029
		2100		2139	709	12	5	726		2163	1142	12	5	1159
	900 x	1970	978 x	2009	606	12	5	623	1030 x	2033	1039	12	5	1056
		1980		2019	606	12	5	623		2043	1039	12	5	1056
		2000		2039	606	12	5	623		2063	1039	12	5	1056
		2025		2064	606	12	5	623		2088	1039	12	5	1056
		2100		2139	730	12	5	747		2163	1163	12	5	1180
	1000 x	1970	1078 x	2009	673	12	5	690	1130 x	2033	1106	12	5	1123
		1980		2019	673	12	5	690		2043	1106	12	5	1123
		2000		2039	673	12	5	690		2063	1106	12	5	1123
		2025		2064	673	12	5	690		2088	1106	12	5	1123
		2100		2139	801	12	5	818		2163	1234	12	5	1251
	1100 x	1970	1178 x	2009	801	12	5	818	1230 x	2033	1234	12	5	1251
		1980		2019	801	12	5	818		2043	1234	12	5	1251
		2000		2039	801	12	5	818		2063	1234	12	5	1251
		2100		2139	934	12	5	951		2163	1367	12	5	1384

Special sizes 0.9 mm sheet thickness, thin rebate

MZ-1	from 557 x	1536	from 635 x	1575	1243	12	5	1260	from 687 x	1599	1676	12	5	1693
	up to 932 x	2091	up to 1010 x	2130					up to 1062 x	2154				
	up to 1182 x	2100	up to 1260 x	2139					up to 1312 x	2163				

Counter frame (galvanized version) for corner frame

Surcharge on door set with corner frame in €



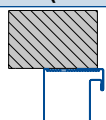
Ordering size	Wall width				
	up to 145	up to 205	up to 270	up to 330	up to 450
from 557 x 1536					
up to 1057 x 2091	210	239	276	313	390
up to 1182 x 2100	238	267	301	337	423

Counter frame primed (powder-coated) Grey white, similar to RAL 9002

115

Add-on frame (RAL 7035)

€



Clear frame dimension Width x height	Structural opening Width x height	
from 557 x 1536	from 577 x 1544	► Surcharge on door set with corner frame
up to 932 x 2091	up to 952 x 2099	

563

Surfaces / accessories

Page

Surfaces	35
Glazing cut-outs	103
Optional extras	105 – 117

Multi-purpose doors

Door set MZ-1 Sentinel Multipoint

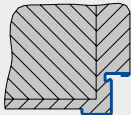
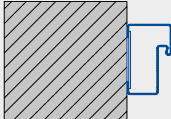
Structural wall opening (LW)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 3 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, surface-mounted 3-point locking, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Type G		Structural opening	Width × height													
				With corner frame (RAL 9002)				With reveal frame (RAL 7035)								
				Clear frame dimension Width × height LWB-78 × LWH-39		Indicate handing		Clear frame dimension Width × height LWB-120 × LWH-60		Indicate handing						
				Door leaf and frame	Lever handle	Seal	Door set		Door leaf and frame	Lever handle	Seal	Door set				
Standard sizes 0.9 mm sheet thickness, thin rebate													Indicate handing!			
MZ-1	Door set with surface- mounted 3-point locking + bar handle	800 × 2000	722 × 1961	649	527	5	1181	680 × 1940	1082	527	5	1614				
		2100	2061	779	527	5	1311	2040	1212	527	5	1744				
		900 × 2000	822 × 1961	649	527	5	1181	780 × 1940	1082	527	5	1614				
		2100	2061	779	527	5	1311	2040	1212	527	5	1744				
		1000 × 2000	922 × 1961	676	527	5	1208	880 × 1940	1109	527	5	1641				
		2100	2061	800	527	5	1332	2040	1233	527	5	1765				
		1120 × 2100	1042 × 2061	871	527	5	1403	1000 × 2040	1304	527	5	1836				
Special sizes 0.9 mm sheet thickness, thin rebate													Indicate handing!			
MZ-1	Door set with surface- mounted 3-point locking + bar handle	from 635 × 1575	from 557 × 1536													
		up to 1010 × 2005	up to 932 × 1966	1313	527	5	1845									
		up to 1260 × 2139	up to 1182 × 2100	1628	527	5	2160									
								from 567 × 1539								
								up to 942 × 2094	1746	527	5	2278				
								up to 1192 × 2103	2061	527	5	2593				

Accessories	Surcharge in €
Lever handle, black (for bar handle or touch bar)	127

Multi-purpose doors

Door set MZ-1 Sentinel Multipoint

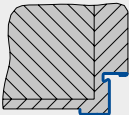
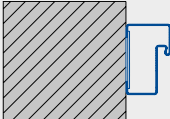
Structural wall opening (LW)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 3 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, surface-mounted 3-point locking, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Type D		Structural opening		With corner frame (RAL 9002)					With reveal frame (RAL 7035)				
				Clear frame dimension Width × height LWB-78 × LWH-39	Indicate handing				Clear frame dimension Width × height LWB-120 × LWH-60	Indicate handing			
				Door leaf and frame	Lever handle	Seal	Door set		Door leaf and frame	Lever handle	Seal	Door set	
Standard sizes 0.9 mm sheet thickness, thin rebate													Indicate handing!
MZ-1	Door set with surface- mounted 3-point locking + touch bar	800 × 2000	722 × 1961	649	615	5	1269	680 × 1940	1082	615	5	1702	
		2100	2061	779	615	5	1399	2040	1212	615	5	1832	
		900 × 2000	822 × 1961	649	615	5	1269	780 × 1940	1082	615	5	1702	
		2100	2061	779	615	5	1399	2040	1212	615	5	1832	
		1000 × 2000	922 × 1961	676	615	5	1296	880 × 1940	1109	615	5	1729	
		2100	2061	800	615	5	1420	2040	1233	615	5	1853	
		1120 × 2100	1042 × 2061	871	615	5	1491	1000 × 2040	1304	615	5	1924	
Special sizes 0.9 mm sheet thickness, thin rebate													Indicate handing!
MZ-1	Door set with surface- mounted 3-point locking + touch bar	from 635 × 1575	from 557 × 1536										
		up to 1010 × 2005	up to 932 × 1966	1313	615	5	1933						
		up to 1260 × 2139	up to 1182 × 2100	1628	615	5	2248						
								from 567 × 1539					
								up to 942 × 2094	1746	615	5	2366	
								up to 1192 × 2103	2061	615	5	2681	

Accessories	Surcharge in €
Lever handle, black (for bar handle or touch bar)	127

Multi-purpose doors

Door set MZ-1 Sentinel Multipoint

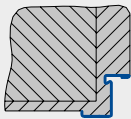
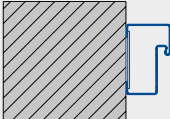
Clear frame dimensions (LZ)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 3 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, surface-mounted 3-point locking, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

		Clear frame dimension (ordering size)	 With corner frame (RAL 9002)				 With reveal frame (RAL 7035)									
Type G		Width × height	Structural opening Width × height LZB + 78 × LZH + 39	Door leaf and frame	Lever handle	Seal	Door set	Structural opening Width × height LZB + 130 × LZH + 63	Door leaf and frame	Lever handle	Seal	Door set				
Standard sizes 0.9 mm sheet thickness, thin rebate													Indicate handing!			
MZ-1	Door set with surface-mounted 3-point locking + bar handle	800 × 2000	878 × 2039	649	527	5	1181	930 × 2063	1082	527	5	1614				
		2100	2139	779	527	5	1311	2163	1212	527	5	1744				
		900 × 2000	978 × 2039	676	527	5	1208	1030 × 2063	1109	527	5	1641				
		2100	2139	800	527	5	1332	2163	1233	527	5	1765				
		1000 × 2000	1078 × 2039	743	527	5	1275	1130 × 2063	1176	527	5	1708				
		2100	2139	871	527	5	1403	2163	1304	527	5	1836				
Special sizes 0.9 mm sheet thickness, thin rebate													Indicate handing!			
MZ-1	Door set with surface-mounted 3-point locking + bar handle		from 635 × 1575					from 687 × 1599								
			up to 1010 × 2005	1313	527	5	1845	up to 1062 × 2029	1746	527	5	2278				
			up to 1260 × 2139	1628	527	5	2160	up to 1312 × 2163	2061	527	5	2593				

Accessories	Surcharge in €
Lever handle, black (for bar handle or touch bar)	127

Multi-purpose doors

Door set MZ-1 Sentinel Multipoint

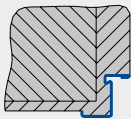
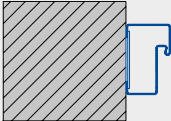
Clear frame dimensions (LZ)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 3 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, surface-mounted 3-point locking, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

		Clear frame dimensions (ordering size)															
Type D		Width x height	With corner frame (RAL 9002)		Indicate handing				With reveal frame (RAL 7035)		Indicate handing						
			Structural opening Width x height						Structural opening Width x height								
			LZB + 78 x LZH + 39	Door leaf and frame	Lever handle	Seal	Door set		LZB + 130 x LZH + 63	Door leaf and frame	Lever handle	Seal	Door set				
Standard sizes 0.9 mm sheet thickness, thin rebate														Indicate handing!			
MZ-1	Door set with surface-mounted 3-point locking + touch bar	800 × 2000	878 × 2039	649	615	5	1269		930 × 2063	1082	615	5	1702				
		900 × 2000	978 × 2039	676	615	5	1296		1030 × 2063	1109	615	5	1729				
		1000 × 2000	1078 × 2039	743	615	5	1363		1130 × 2063	1176	615	5	1796				
		2100	2139	871	615	5	1491		2163	1304	615	5	1924				
Special sizes 0.9 mm sheet thickness, thin rebate														Indicate handing!			
MZ-1	Door set with surface-mounted 3-point locking + touch bar		from 635 × 1575						from 687 × 1599								
			up to 1010 × 2005	1313	615	5	1933		up to 1062 × 2029	1746	615	5	2366				
			up to 1260 × 2139	1628	615	5	2248		up to 1312 × 2163	2061	615	5	2681				

Accessories

Surcharge in €



Lever handle, black (for bar handle or touch bar)

127

Multi-purpose doors

Door set MZ-2

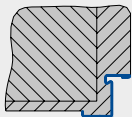
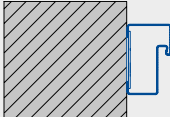
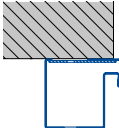
Nominal size (BRM)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Door type	Nominal size		 With corner frame (RAL 9002)		 With reveal frame (RAL 7035)			
	Width × height		Structural opening Width × height BRB + 10 × BRH + 5	Dual handed	Nominal size (ordering size) = overall frame dimension Structural opening Width × height BRB + 10 × BRH + 5 Indicate handing			
Standard sizes 0.9 mm sheet thickness, thin rebate								
MZ-2	1500	× 2000	1510	× 2005	1655	1562 × 2029	2234	
	1750	× 2000	1760	× 2005	1726	1812 × 2029	2305	
	2000	× 2000	2010	× 2005	1791	2062 × 2029	2370	
		2125		2130	1888	2154	2467	
Special sizes 0.9 mm sheet thickness, thin rebate								
MZ-2	from 1250	× 1570	from 1260	× 1575	2269			
	up to 2000	× 2000	up to 2010	× 2005				
	up to 2250	× 2134	up to 2260	× 2139	2370			
	from 1302	× 1594				from 1312	× 1599	2848
	up to 2052	× 2024				up to 2062	× 2029	
up to 2302	× 2158				up to 2312	× 2163	2949	
Add-on frame (RAL 7035)								
	Nominal size Width × height		Structural opening Width × height		► Surcharge on door set with corner frame			
	from 1250 × 1570		from 1192 × 1544					
	up to 2250 × 2134		up to 2202 × 2108					
					912			

Surfaces / accessories	Page
Surfaces	35
Glazing cut-outs	103
Optional extras	105 – 117

Multi-purpose doors

Door set MZ-2

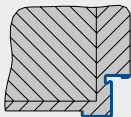
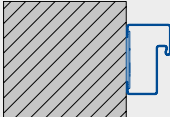
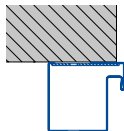
Structural wall opening (LW)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Door type	Structural opening					
			With corner frame (RAL 9002)		With reveal frame (RAL 7035)	
	Width × height		Clear frame dimension Width × height LWB-78 × LWH-39	Dual handed	Clear frame dimension Width × height LWB-120 × LWH-60	Indicate handing
Standard sizes 0.9 mm sheet thickness, thin rebate						
MZ-2	1300 × 2000	2100	1222 × 1961	1655	1280 × 1940	2234
		2050	1322 × 1961	1750		2234
	2100	2061	1655	2040		2329
	1400 × 2000	2100	1322 × 2061	1750	1380 × 2040	2329
		2050	1422 × 1961	1655		2305
	2100	2061	1726	1990		2305
	1500 × 2000	2100	1522 × 1961	1821	1480 × 2040	2400
		2050	1622 × 1961	1726		2305
	2100	2061	1821	1990		2305
	1600 × 2000	2100	1722 × 1961	1726	1580 × 2040	2400
		2050	1822 × 1961	1791		2370
	2100	2061	1888	2040		2467
	1700 × 2000	2100	1922 × 1961	1791	1680 × 2040	2370
		2050	2011	1791		2370
	2100	2061	1888	2040		2467
	Special sizes 0.9 mm sheet thickness, thin rebate					
MZ-2	from 1260 × 1575	from 1182 × 1536	2269			
	up to 2010 × 2005	up to 1932 × 1966	2370			
	up to 2260 × 2139	up to 1982 × 2100				
				from 1182 × 1546		
				up to 1952 × 1976	2848	
				up to 2202 × 2110	2949	
Add-on frame (RAL 7035)						
	Nominal size Width × height		Clear frame dimension Width × height			
			from 1182 × 1536 up to 2182 × 2100		► Surcharge on door set with corner frame	
					912	

Surfaces / accessories	Page
Surfaces	35
Glazing cut-outs	103
Optional extras	105 – 117

Multi-purpose doors

Door set MZ-2

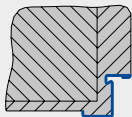
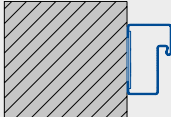
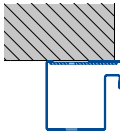
Clear frame dimensions (LZ)



Product ID MZ

Door leaf thickness 45 mm, sheet thickness 0.9 mm, thin rebate, rebated on 2 sides, door leaf with powder-coated primer in standard colour RAL 9002, mineral wool insert, mortise lock, black FR lever handle set, 1 height-adjustable construction hinge, 1 spring hinge

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension		 With corner frame (RAL 9002)		 With reveal frame (RAL 7035)			
	Width × height		Structural opening Width × height LZB + 78 × LZH + 39	Dual handed	Structural opening Width × height LZB + 130 × LZH + 63	Indicate handing		
Standard sizes 0.9 mm sheet thickness, thin rebate								
MZ-2	1400 ×	1970	1478 ×	2009	1655	1530 ×	2033	2234
		2000		2039	1655		2063	2234
		2025		2064	1655		2088	2234
		2100		2139	1750		2163	2329
	1500 ×	2000	1578 ×	2039	1726	1630 ×	2063	2305
		2100		2139	1821		2163	2400
	1600 ×	1970	1678 ×	2009	1726	1730 ×	2033	2305
		1980		2019	1726		2043	2305
		2000		2039	1726		2063	2305
		2025		2064	1726		2088	2305
		2100		2139	1821		2163	2400
	1800 ×	1970	1878 ×	2009	1791	1930 ×	2033	2370
		1980		2019	1791		2043	2370
		2000		2039	1791		2063	2370
		2025		2064	1791		2088	2370
		2100		2139	1888		2163	2467
	2000 ×	1970	2078 ×	2009	1864	2130 ×	2033	2443
		1980		2019	1864		2043	2443
		2000		2039	1864		2063	2443
		2025		2064	1864		2088	2443
		2100		2139	1961		2163	2540
Special sizes 0.9 mm sheet thickness, thin rebate								
MZ-2	from 1182 × 1536		from 1260 × 1575		from 1312 × 1599			
	up to 1932 × 1966		up to 2010 × 2005		up to 2062 × 2029		2848	
	up to 2182 × 2100		up to 2260 × 2139		up to 2312 × 2163		2949	
Add-on frame (RAL 7035)								
		Clear frame dimension		Structural opening		► Surcharge on door set with corner frame		
		Width × height		Width × height				
				from 1192 × 1544 up to 2202 × 2108		912		

Surfaces / accessories

Surfaces	35
Glazing cut-outs	103
Optional extras	105 – 117

Multi-purpose doors

Door set MZ Thermo 46

With thermal break

MZ

46



Nominal size

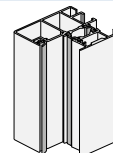
Overall frame dimension (RAM) = nominal size

Product ID MZT

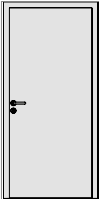
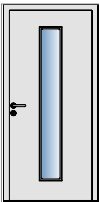
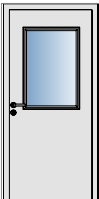
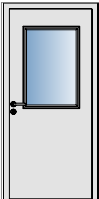
Door leaf thickness 46 mm, sheet thickness 0.8 mm, thick rebate, rebated on 4 sides, PU-foam infill, mortise lock (single-point locking), black plastic rose escutcheon, 3 two-part guide rollers, three-way adjustable

► See the respective national product data sheet for a detailed product description

- Steel door leaf overlapping the door leaf with thermal break, exterior and interior in the same colour
- Aluminium frame
- Mortise lock (single-point locking) prepared for profile cylinder, with profile cylinder 40.5 + 27.5 mm and 3 keys, without emergency and hazard function
- Ordering size = overall frame dimension (nominal size)



A2 profile

View	Style description	Size (RAM)	RAL 9016	Match-Color	Colour	Matt deluxe	Decograin
	Style TPS 011	875 × 2000	951	1089	1089	1196	1228
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon	1000 × 2000	1015	1153	1153	1260	1292
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
	1150 × 2200						
from 700 × 1750	1446	1584	1584	1691	1723		
up to 1250 × 2250							
► U _D -value for size 1230 × 2180 mm: 1.1 W/(m ² ·K)							
	Style TPS 021S	875 × 2000	1242	1701	1701	1810	1842
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• Double-pane insulated glazing, 28 mm thick, laminated safety glass for exterior, Satinato single-pane safety glass for interior	1000 × 2000	1306	1765	1765	1874	1906
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
	• Plastic glazing frame in door leaf colour ¹⁾	1150 × 2200					
• Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon							
from 700 × 1875	1737	2196	2196	2305	2337		
up to 1250 × 2250							
► U _D -value for size 1230 × 2180 mm: 1.4 W/(m ² ·K)							
	Style TPS 051S	875 × 2000	1242	1701	1701	1810	1842
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• Double-pane insulated glazing, 28 mm thick, laminated safety glass for exterior, Satinato single-pane safety glass for interior	1000 × 2000	1306	1765	1765	1874	1906
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
	• Plastic glazing frame in door leaf colour ¹⁾	1150 × 2200					
• Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon							
from 875 × 1750	1737	2196	2196	2305	2337		
up to 1250 × 2250							
► U _D -value for size 1230 × 2180 mm: 1.6 W/(m ² ·K)							
	Style TPS 051F	875 × 2000	1242	1701	1701	1810	1842
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• Double-pane insulated glazing, 28 mm thick, laminated safety glass for exterior, clear single-pane safety glass for interior	1000 × 2000	1306	1765	1765	1874	1906
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
	• Plastic glazing frame in door leaf colour ¹⁾	1150 × 2200					
• Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon							
from 875 × 1750	1737	2196	2196	2305	2337		
up to 1250 × 2250							
► U _D -value for size 1230 × 2180 mm: 1.6 W/(m ² ·K)							

1) For Decograin door surface finishes, the plastic glazing frames are coated in a colour matching the Decograin

Surfaces / accessories	Page
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Multi-purpose doors

Door set MZ Thermo 65

With thermal break

MZ

65



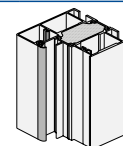
Overall frame dimension (RAM) = nominal size

Product ID MZT

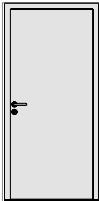
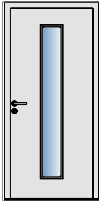
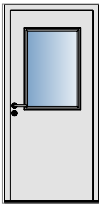
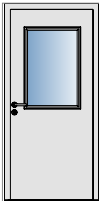
Door leaf thickness 65 mm, sheet thickness 0.8 mm, thick rebate, rebated on 4 sides, PU-foam infill, mortise lock (single-point locking), black plastic rose escutcheon, 3 two-part guide rollers, three-way adjustable

► See the respective national product data sheet for a detailed product description

- Steel door leaf overlapping the door leaf with thermal break, exterior and interior in the same colour
 - Aluminium frame
 - Mortise lock (single-point locking) prepared for profile cylinder, with profile cylinder 40.5 + 45.5 mm and 3 keys, without emergency and hazard function
- Ordering size = overall frame dimension (nominal size)



Profile A4

View	Style description	Size (RAM)	RAL 9016	Match-Color	Colour	Matt deluxe	Decograin
	Style THP 011	875 × 2000	1492	1630	1630	1737	1769
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon	1000 × 2000	1556	1694	1694	1801	1833
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
1150 × 2200							
from 700 × 1750 up to 1250 × 2250	1987	2125	2125	2232	2264		
► U _D -value for size 1230 × 2180 mm: 0.87 W/(m ² ·K)							
	Style THP 021S	875 × 2000	1998	2457	2457	2566	2598
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• 3 panes of insulated glass, laminated safety glass for exterior, float Satinato, laminated safety glass for interior	1000 × 2000	2062	2521	2521	2630	2662
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
1150 × 2200							
from 700 × 1875 up to 1250 × 2250	2493	2952	2952	3061	3093		
► U _D -value for size 1230 × 2180 mm: 1.0 W/(m ² ·K)							
	Style THP 051S	875 × 2000	1998	2457	2457	2566	2598
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• 3 panes of insulated glass, laminated safety glass for exterior, float Satinato, laminated safety glass for interior	1000 × 2000	2062	2521	2521	2630	2662
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
1150 × 2200							
from 875 × 1750 up to 1250 × 2250	2493	2952	2952	3061	3093		
► U _D -value for size 1230 × 2180 mm: 1.0 W/(m ² ·K)							
	Style THP 051F	875 × 2000	1998	2457	2457	2566	2598
	• 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	875 × 2125					
	• 3 panes of insulated glass, laminated safety glass for exterior, float, laminated safety glass for interior	1000 × 2000	2062	2521	2521	2630	2662
		1000 × 2100					
		1000 × 2125					
		1100 × 2100					
1150 × 2200							
from 875 × 1750 up to 1250 × 2250	2493	2952	2952	3061	3093		
► U _D -value for size 1230 × 2180 mm: 1.0 W/(m ² ·K)							

Surfaces / accessories

Assignment of colour group for MatchColor, Colour, Matt deluxe and Decograin

Optional extras

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Surfaces for multi-purpose doors



MZ and MZ Sentinel			
Standard colour			
• RAL 9002 Grey white			
Campaign colour		Surcharge on RAL 9002	
• RAL 7016 Anthracite grey	From 1 door	Per door leaf	115
		Per frame	77
Colour		Surcharge on RAL 9002	
• RAL 7035 Light grey • RAL 9016 Traffic white	From 20 doors*	Per door leaf	224
		Per frame	147
RAL of your choice		Surcharge on RAL 9002	
• RAL of your choice	From 20 doors*	Per door leaf	259
		Per frame	166

Notice

* Colour and RAL of your choice can only be offered from the factory for order quantities of 20 or more.

Notice:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

MZ Thermo 46 and MZ Thermo 65 – multi-purpose door with thermal break with aluminium frame			
Standard colour			
RAL 9016 Traffic white			
MatchColor*			
CH 703 Anthracite metallic	RAL 7012 Basalt grey	RAL 7015 Slate grey	RAL 7016 Anthracite grey
RAL 7030 Stone grey	RAL 7035 Light grey	RAL 7039 Quartz grey	RAL 7040 Window grey
RAL 8028 Terra brown	RAL 9005 Jet black		
Color*			
CH 907 Grey aluminium	RAL 1015 Light ivory	RAL 3003 Ruby red	RAL 5010 Gentian blue
RAL 6005 Moss green	RAL 6009 Fir green	RAL 7037 Dusty grey	RAL 9002 Grey white
RAL 9006 White aluminium	RAL 9007 Grey aluminium		
Matt deluxe* (matt, 3–8%)			
CH 703 Matt deluxe	CH 905 Matt deluxe	CH 7016 Matt deluxe	CH 8028 Matt deluxe
CH 9006 Matt deluxe	CH 9007 Matt deluxe	CH 9016 Matt deluxe	
Decograin*			
Dark Oak	Golden Oak	Night Oak	Titan Metallic CH 703
Winchester Oak			

Notice:

* For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Brandis factory – internal doors

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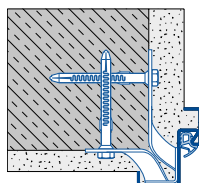
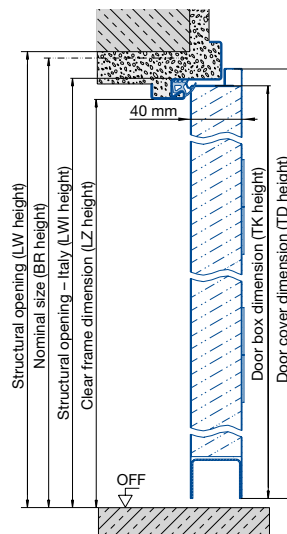
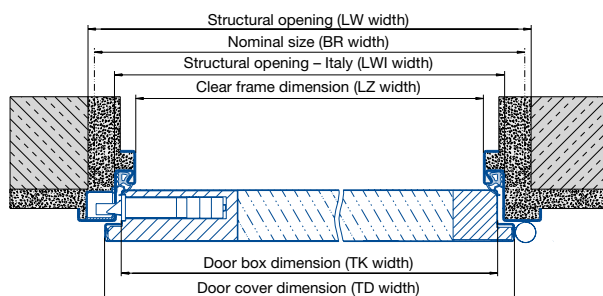
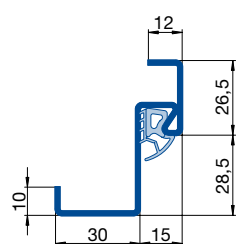


ZK: the low-cost internal door with cardboard honeycomb inserts, sheet thickness: 0.6 mm (door leaf), 1.5 mm (frame)

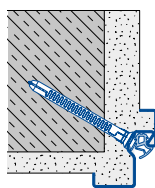
OIT: the robust internal door with timber insert, sheet thickness: 0.8 mm door leaf, 1.5 mm frame

Subject to changes

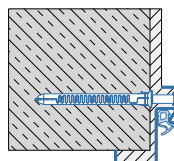
Corner frame



With anchor (plug-and-screw fitting)

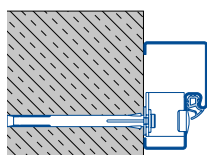
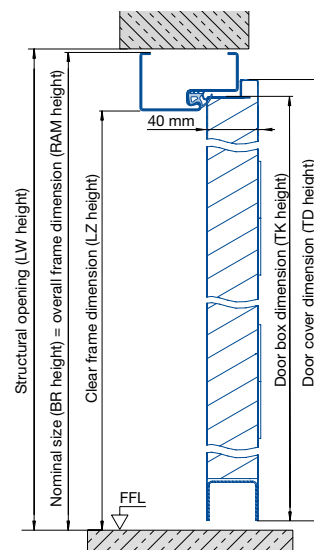
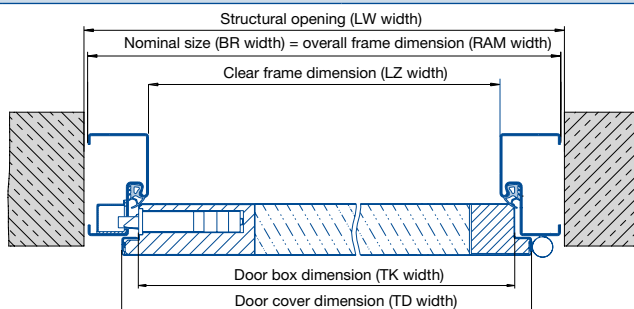
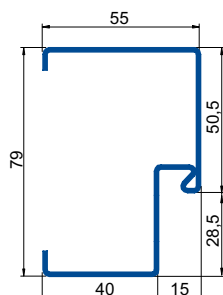


Fitting through the groove bottom (option)



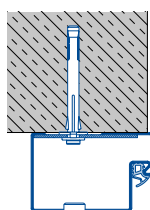
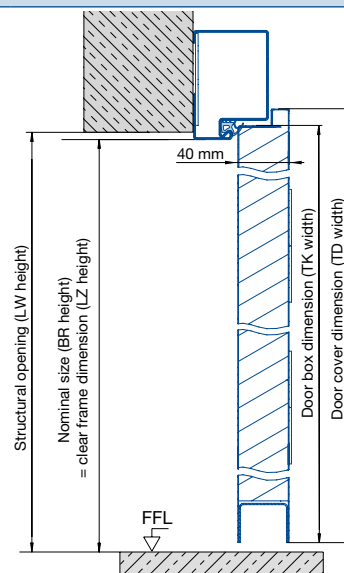
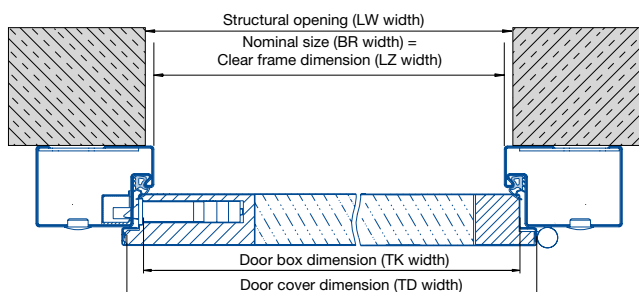
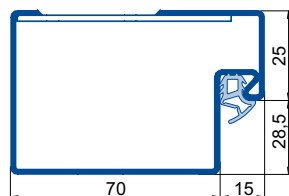
Fitting through the reveal (option)

Reveal frame profile 21101



Plug-and-screw fitting

Add-on frame profile 006



Plug-and-screw fitting

Brandis factory – internal doors



		Low-cost internal door		Robust internal door
		ZK	ZK l/r	OIT 40
Performance characteristics				
Fire protection		-	-	-
Safety		-	-	RC 2 Optional
Acoustic insulation, standard value in dB (corner frame, solid door leaf)		-	-	-
Transmission of heat $U_D = W/(m^2 \cdot K)$		2,1	2,1	
Product characteristics as standard				
Number of leaves				
Handing		LH hinged or RH hinged	Dual handed	LH hinged or RH hinged
Leaf thickness in mm				
Door leaf sheet thickness in mm		0,6	0,6	0.8 (0.6 for Decograin)
Frame sheet thickness in mm		1,5	1,5	1,5
Rebate		Thick rebate, 3 sides	Thick rebate, 4 sides	Thick rebate, 3 sides
Inlay		Honeycomb paperboard	Honeycomb paperboard	Mineral wool Composite timber (option)
Lock		Mortise lock, prepared for profile cylinder, with deadlock insert and 1 key	Mortise lock, prepared for profile cylinder, with deadlock insert and 1 key	Mortise lock, prepared for profile cylinder, with deadlock insert and 1 key
Lever handle set		Lever handle set, black, with short escutcheon, for profile cylinder and deadlock key	Lever handle set, black, with short escutcheon, for profile cylinder and deadlock key	Lever handle set, black, with short escutcheon, for profile cylinder and deadlock key
Hinge	for corner frame	2 galvanized 2-part hinges	2 galvanized 2-part hinges	2 galvanized three-part hinges WF with securing pin
	for reveal and add-on frame	2 galvanized 2-part hinges	-	2 galvanized three-part hinges WF with securing pin
Security bolts		-	-	-
Seal	Door leaf	-	-	-
	Frame (standard)	3-sided	3-sided	3-sided
Frame		• Corner frame • Reveal frame • Add-on frame	• Corner frame	• Corner frame • Reveal frame • Add-on frame
Surface	Door leaf	RAL 9016	RAL 9016	RAL 9016
	Corner frame	RAL 9016	RAL 9016	RAL 9016
	Reveal and add-on frame	RAL 7035	-	RAL 7035

Internal doors

Door leaf ZK

Nominal size (BRM)



Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, 2 top hinge parts V 0020 (2-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Nominal size		Door box dimension		Door leaf						
	Width × height		Width × height BRB-42 × BRH-28		Galvanized	RAL 9016	Colour	Decograin			
Standard sizes 0.6 mm sheet thickness, thick rebate									Indicate handling		
ZK door leaf	625	×	2000	583	×	1972	224	255	307	332	
			2125			2097	282	313	365	390	
	750	×	1875	708	×	1847	224	255	307	332	
			2000				1972	224	255	307	332
			2125				2097	282	313	365	390
	875	×	1875	833	×	1847	224	255	307	332	
			2000				1972	224	255	307	332
			2125				2097	282	313	365	390
	1000	×	1875	958	×	1847	253	284	336	361	
			2000				1972	253	284	336	361
			2125				2097	312	343	395	420
	1125	×	2000*	1083	×	1972*	337	368	420	445	
			2125*				2097*	395	426	478	503 ²
	1250	×	2000*	1208	×	1972*	350	381	433	458 ²	
			2125*				2097*	410	441	493	518 ²
Special sizes 0.6 mm sheet thickness, thick rebate									Indicate handling		
ZK door leaf	from 500	×	1500	from 458	×	1472					
			up to 1000			×					up to 958
			2000			1972	634	665	717	742	
			2125			2097	735	766	818	843	
	up to 1125	×	2125 ¹	up to 1083	×	2097 ¹	767	798	850	875 ²	
	up to 1250	×	2250 ¹	up to 1208	×	2222 ¹	870	901	953	978 ²	

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Internal doors

Door leaf ZK

Clear frame dimensions (LZ)



Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, 2 top hinge parts V 0020 (2-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension		Door box dimension		Door leaf					
	Width × height		Width × height LZB + 22 × LZH + 4		Galvanized	RAL 9016	RAL 9002 (Austria)	Colour	Decograin	
Standard sizes 0.6 mm sheet thickness, thick rebate										Indicate handing!
ZK door leaf	600 ×	1850	622 ×	1854	224	255	255	307	332	
		1970		1974	224	255	255	307	332	
		2000		2004	224	255	255	307	332	
		2050		2054	282	313	313	365	390	
		2100		2104	282	313	313	365	390	
	700 ×	1850	722 ×	1854	224	255	255	307	332	
		1970		1974	224	255	255	307	332	
		2000		2004	224	255	255	307	332	
		2050		2054	282	313	313	365	390	
		2100		2104	282	313	313	365	390	
	800 ×	1850	822 ×	1854	224	255	255	307	332	
		1970		1974	224	255	255	307	332	
		1980		1984	224	255	255	307	332	
		2000		2004	224	255	255	307	332	
		2050		2054	282	313	313	365	390	
		2100		2104	282	313	313	365	390	
	850 ×	1850	872 ×	1854	224	255	255	307	332	
		2000		2004	224	255	255	307	332	
	900 ×	1850	922 ×	1854	253	284	284	336	361	
		1970		1974	253	284	284	336	361	
		1980		1984	253	284	284	336	361	
		2000		2004	253	284	284	336	361	
		2050		2054	312	343	343	395	420	
		2100		2104	312	343	343	395	420	
	1000 ×	1850	1022 ×	1854	282	313	313	365	390	
		1970		1974	282	313	313	365	390	
		1980		1984	282	313	313	365	390	
		2000		2004	282	313	313	365	390	
		2050		2054	363	394	394	446	471	
		2100		2104	363	394	394	446	471	
	1100 ×	1970 ¹	1122 ×	1974 ¹	395	426	426	478	503 ²	
		1980 ¹		1984 ¹	395	426	426	478	503 ²	
		2100 ¹		2104 ¹	410	441	441	493	518 ²	
	1150 ×	2050 ¹	1172 ×	2054 ¹	410	441	441	493	518 ²	
		2100 ¹		2104 ¹	410	441	441	493	518 ²	
Special sizes 0.6 mm sheet thickness, thick rebate										Indicate handing!
ZK door leaf	from 436 ×	1468	from 458 ×	1472	634	665	665	717	742	
		up to 936 ×		1968						up to 958 ×
		2093		2097	735	766	766	818	843	
	up to 1061 ×	2093 ¹	up to 1083 ×	2097 ¹	767	798	798	850	875 ²	
	up to 1186 ×	2218 ¹	up to 1208 ×	2222 ¹	870	901	901	953	978 ²	

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Door box dimensions (TKM)

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, 2 top hinge parts V 0020 (2-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension			Frame hold dimension		Door leaf							
	Width × height			Width × height TKB + 8 × TKH + 11		Galvanized	RAL 9016	Colour	Decograin				
Standard sizes 0.6 mm sheet thickness, thick rebate										Indicate handling!			
ZK door leaf	630	×	2005	638	2016	224	255	307	332				
			2040		2051	282	313	365	390				
			2105		2126	282	313	365	390				
	730	×	2005	738	2016	224	255	307	332				
			2040		2051	282	313	365	390				
			2105		2116	282	313	365	390				
	780	×	2005	788	2016	224	255	307	332				
			2040		2051	282	313	365	390				
	830	×	2005	838	2016	224	255	307	332				
			2040		2051	282	313	365	390				
			2105		2116	282	313	365	390				
	880	×	2005	888	2016	253	284	336	361				
			2040		2051	312	343	395	420				
	930	×	2005	938	2016	253	284	336	361				
			2040		2051	312	343	395	420				
			2105		2116	312	343	395	420				
	1030	×	2005 *	1038	2016	282	313	365	390 ²				
			2040 *		2051	363	394	446	471 ²				
2105 *			2116		363	394	446	471 ²					
1130	×	2005 *	1138	2016	395	426	478	503 ²					
Special sizes 0.6 mm sheet thickness, thick rebate										Indicate handling!			
ZK door leaf	from 458	×	1472	from 466	×	1483	634	665	717	742			
			up to 958		×	1972					up to 966	×	1983
			2097		2108								
	up to 1083	×	2097 ¹	up to 1091	×	2108 ¹	767	798	850	875 ²			
	up to 1208	×	2222 ¹	up to 1216	×	2233 ¹	870	901	953	978 ²			

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Internal doors

Door leaf ZK



NL

Door box dimension for width / door cover dimension for height

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, 2 top hinge parts V 0020 (2-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension for width / door cover dimension for height		Door box dimension	Door leaf		
	Width × height		Width × height TKB × TDH + 13	Galvanized		
Standard sizes 0.6 mm sheet thickness, thick rebate					Indicate handing!	
ZK door leaf	630	× 2015	630	× 2002	224	
		2115		2102	282	
	730	× 2015	730	× 2002	224	
		2115		2102	282	
	780	× 2015	780	× 2002	224	
	830	× 2015	830	× 2002	224	
		2115		2102	282	
	880	× 2015	880	× 2002	253	
ZK door leaf	930	× 2015	930	× 2002	253	
		2115		2102	312	
	1030	× 2015	1030	× 2002	282	
		2115		2102	363	
	1130	× 2015 ¹	1130	× 2002 ¹	395	
Special sizes 0.6 mm sheet thickness, thick rebate					Indicate handing!	
ZK door leaf	from 458	× 1485	from 484	× 1472	634	
	up to 958	× 1985	up to 984	× 1972		
		2110		2097	735	
	up to 1083	× 2110 ¹	up to 1109	× 2097 ¹	767	
	up to 1208	× 2235 ¹	up to 1234	× 2222 ¹	870	

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

Door box dimension

Internal doors
Brandis factory

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CH Internal doors

Door leaf ZK



Door cover dimension (TDM)

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, 2 top hinge parts V 0020 (2-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Door cover dimension			Frame hold dimension		Door leaf				
	Width × height			Width × height TDB-18 × TDH-2		Galvanized	RAL 9016	Colour	Decograin	
Standard sizes 0.6 mm sheet thickness, thick rebate										Indicate handing!
ZK door leaf	750	×	2015	732	×	2013	224	255	307	332
	850	×	2015	832	×	2013	224	255	307	332
	950	×	2015	932	×	2013	253	284	336	361
Special sizes 0.6 mm sheet thickness, thick rebate										Indicate handing!
ZK door leaf	from 484	×	1485	from 466	×	1483	634	665	717	742
	up to 984	×	1985	up to 966	×	1983				
			2110			2108	735	766	818	843
	up to 1109	×	2110 ¹	up to 1091	×	2108 ¹	767	798	850	875 ²
	up to 1234	×	2235 ¹	up to 1216	×	2233 ¹	870	901	953	978 ²

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Internal doors

Door set ZK-1

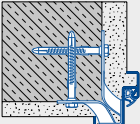
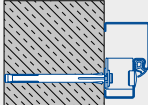
Nominal size (BRM)



Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Nominal size		 Door set with corner frame (frame RAL 9016)					 Door set with reveal frame (frame RAL 7035) Nominal size (ordering size) = overall frame dimension								
	Width × height	Structural opening Width × height BRB + 10 × BRH + 5	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height BRB + 10 × BRH + 5	Galvanized	RAL 9016	Preferred colours	Decograin					
Standard sizes 0.6 mm sheet thickness, thick rebate													Indicate handing!			
ZK-1	625 × 2000	635 × 2005	322	353	405	430	635 × 2005	528	559	611	636					
			2125	2130	380	411						463	488	2130	586	617
	750 × 1875	760 × 1880	322	353	405	430	760 × 1880	528	559	611	636					
			2000	2005	322	353						405	430	2005	528	559
	2125	2130	380	411	463	488	2130	586	617	669	694					
			875 × 1875	885 × 1880	322	353		405	430	885 × 1880	528	559	611	636		
	2000	2005			322	353	405	430	2005						528	559
			2125	2130	380	411	463	488	2130	586	617	669	694			
	1000 × 1875	1010 × 1880			351	382	434	459		1010 × 1880	557	588	640	665		
			2000	2005	351	382	434	459	2005						557	588
	2125	2130			410	441	493	518	2130	616	647	699	724			
			1125 × 2000 ¹	1135 × 2005 ¹	435	466	518	543 ²		1135 × 2005 ¹	641	672	724	749		
2125 ¹	2130 ¹	493			524	576	601 ²	2130 ¹	699						730	782
1250 × 2000 ¹	1260 × 2005 ¹	448	479	531	556 ²	1260 × 2005 ¹	654	685	737	762 ²						
		2125 ¹	2130 ¹	508	539						591	616 ²	2130 ¹	714	745	797
Special sizes 0.6 mm sheet thickness, thick rebate													Indicate handing!			
ZK-1	from 500 × 1500	from 510 × 1505														
			up to 1000 × 2000	up to 1010 × 2005	732	763						815	840	up to 1056 × 2028	938	969
	2125	2130	833	864	916	941	2153	1039	1070	1122	1147					
	up to 1125 × 2125 ¹	up to 1135 × 2130 [*]	865	896	948	973 ²	up to 1184 × 2153 ¹	1071	1102	1154	1179 ²					
	up to 1250 × 2250 ¹	up to 1260 × 2255 [*]	968	999	1051	1076 ²	up to 1306 × 2278 ¹	1174	1205	1257	1282 ²					
	from 546 × 1523															
	from 1046 × 2023															
	2148															
from 1174 × 2148 ¹																
from 1296 × 2273 ¹																

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Internal doors

Door set ZK-1

Structural wall opening (LW)

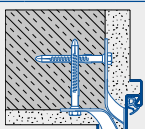
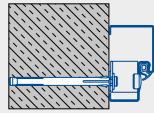


DK – FIN – N – S

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, ASSA ABLOY mortise lock, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Structural opening	 Door set with corner frame (frame RAL 9016)						 Door set with reveal frame (frame RAL 7035)									
		Clear frame dimension Width × height LWB-74 × LWH-37	Galvanized	RAL 9016	Preferred colours	Decograin	Clear frame dimension Width × height LWB-120 × LWH-60	Galvanized	RAL 9016	Preferred colours	Decograin						
Standard sizes 0.6 mm sheet thickness, thick rebate														Indicate handing!			
ZK-1	800 × 1900 2000 2100	726 × 1863 1963 2063	315	346	398	423	680 × 1840 1940 2040	521	552	604	629						
			315	346	398	423		521	552	604	629						
			373	404	456	481		579	610	662	687						
	900 × 1900 2000 2050 2100	826 × 1863 1963 2013 2063	315	346	398	423	780 × 1840 1940 1990 2040	521	552	604	629						
			315	346	398	423		521	552	604	629						
			373	404	456	481		579	610	662	687						
			373	404	456	481		579	610	662	687						
	1000 × 1900 2000 2100	926 × 1863 1963 2063	344	375	427	452	880 × 1840 1940 2040	550	581	633	658						
			344	375	427	452		550	581	633	658						
			403	434	486	511		609	640	692	717						
	1100 × 1900 2000 2100	1026 × 1863 1963 2063	368	399	451	476 ²	980 × 1840 1940 2040	574	605	657	682 ²						
			368	399	451	476 ²		574	605	657	682 ²						
454			485	537	562 ²	660		691	743	768 ²							
Special sizes 0.6 mm sheet thickness, thick rebate														Indicate handing!			
ZK-1	from 510 × 1505 up to 1010 × 2005 2130	from 436 × 1468 up to 936 × 1968 2093	725	756	808	833											
	up to 1135 × 2130*	up to 1061 × 2093*	858	889	941	966 ²											
	up to 1260 × 2255*	up to 1186 × 2218*	961	992	1044	1069 ²											
	from 556 × 1528 up to 1056 × 2028 2153							from 436 × 1468 up to 936 × 1968 2093	931	962	1014	1039					
	up to 1184 × 2153 ¹							up to 1061 × 2093*	1064	1095	1147	1172 ²					
	up to 1306 × 2278 ¹							up to 1186 × 2218*	1167	1198	1250	1275 ²					

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

Important: ASSA version!

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Internal doors

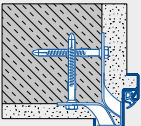
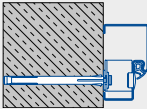
Door set ZK-1

Clear frame dimensions (LZ)


Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert,
Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension																
			Door set with corner frame (frame RAL 9016)						Door set with reveal frame (frame RAL 7035)								
	Width x height		Structural opening Width x height LZB + 74 x LZH + 37	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width x height LZB + 120 x LZH + 60	Galvanized	RAL 9016	Preferred colours	Decograin					
Standard sizes 0.6 mm sheet thickness, thick rebate														Indicate handing!			
ZK-1	600	x 1850	674	x 1887	322	353	405	430	720	x 1910	528	559	611	636			
					322	353	405	430			528	559	611	636			
					322	353	405	430			528	559	611	636			
					380	411	463	488			586	617	669	694			
					380	411	463	488			586	617	669	694			
	700	x 1850	774	x 1887	322	353	405	430	820	x 1910	528	559	611	636			
					322	353	405	430			528	559	611	636			
					322	353	405	430			528	559	611	636			
					380	411	463	488			586	617	669	694			
					380	411	463	488			586	617	669	694			
	800	x 1850	874	x 1887	322	353	405	430	920	x 1910	528	559	611	636			
					322	353	405	430			528	559	611	636			
					322	353	405	430			528	559	611	636			
					380	411	463	488			586	617	669	694			
					380	411	463	488			586	617	669	694			
	850	x 1850	924	x 1887	322	353	405	430	970	x 1910	528	559	611	636			
					322	353	405	430			528	559	611	636			
	900	x 1850	974	x 1887	351	382	434	459	1020	x 1910	557	588	640	665			
					351	382	434	459			557	588	640	665			
					351	382	434	459			557	588	640	665			
					380	411	463	488			586	617	669	694			
					410	441	493	518			616	647	699	724			
	1000	x 1850	1074	x 1887	380	411	463	488	1120	x 1910	586	617	669	694			
					380	411	463	488			586	617	669	694			
					380	411	463	488			586	617	669	694			
					461	492	544	569			667	698	750	775			
					461	492	544	569			667	698	750	775			
	1100	x 1970 ¹	1174	x 2007 ¹	493	524	576	601 ²	1220	x 2030 ¹	699	730	782	807 ²			
					493	524	576	601 ²			699	730	782	807 ²			
					508	539	591	616 ²			714	745	797	822 ²			
	1150	x 2050 ¹	1224	x 2087 ¹	508	539	591	616 ²	1270	x 2110 ¹	714	745	797	822 ²			
					508	539	591	616 ²			714	745	797	822 ²			

Special sizes 0.6 mm sheet thickness, thick rebate											
ZK-1	from 436 x 1468	from 510 x 1505					from 556 x 1528				
	up to 936 x 1968	up to 1010 x 2005	732	763	815	840	up to 1056 x 2028	938	969	1021	1046
	2093	2130	833	864	916	941	2153	1039	1070	1122	1147
	up to 1061 x 2093*	up to 1135 x 2130 ¹	865	896	948	973 ²	up to 1181 x 2153 ¹	1071	1102	1154	1179 ²
	up to 1186 x 2218*	up to 1260 x 2255 ¹	968	999	1051	1076 ²	up to 1306 x 2278 ¹	1174	1205	1257	1282 ²

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Internal doors

Door set ZK-1

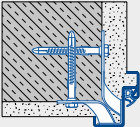
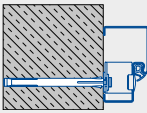
Clear frame dimensions (LZ)



Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension														
			Door set with corner frame (frame RAL 9002)						Door set with reveal frame (frame RAL 7035)						
	Width × height		Structural opening Width × height	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height	Galvanized	RAL 9016	Preferred colours	Decograin			
			LZB + 74 × LZH + 37				LZB + 120 × LZH + 60								
Standard sizes 0.6 mm sheet thickness, thick rebate												Indicate handling!			
ZK-1	600	× 1850	674	× 1887	322	353	405	430	720	× 1910	528	559	611	636	
					322	353	405	430			528	559	611	636	
					322	353	405	430			528	559	611	636	
					380	411	463	488			586	617	669	694	
					380	411	463	488			586	617	669	694	
	700	× 1850	774	× 1887	322	353	405	430	820	× 1910	528	559	611	636	
					322	353	405	430			528	559	611	636	
					322	353	405	430			528	559	611	636	
					380	411	463	488			586	617	669	694	
					380	411	463	488			586	617	669	694	
	800	× 1850	874	× 1887	322	353	405	430	920	× 1910	528	559	611	636	
					322	353	405	430			528	559	611	636	
					322	353	405	430			528	559	611	636	
					380	411	463	488			586	617	669	694	
					380	411	463	488			586	617	669	694	
	850	× 1850	924	× 1887	322	353	405	430	970	× 1910	528	559	611	636	
					322	353	405	430			528	559	611	636	
	900	× 1850	974	× 1887	351	382	434	459	1020	× 1910	557	588	640	665	
					351	382	434	459			557	588	640	665	
					351	382	434	459			557	588	640	665	
					380	411	463	488			586	617	669	694	
					380	411	463	488			586	617	669	694	
	1000	× 1850	1074	× 1887	380	411	463	488	1120	× 1910	586	617	669	694	
					380	411	463	488			586	617	669	694	
					380	411	463	488			586	617	669	694	
					380	411	463	488			586	617	669	694	
					461	492	544	569			667	698	750	775	
	1100	× 1970*	1174	× 2007*	493	524	576	601 ²	1220	× 2030 ¹	699	730	782	807 ²	
					493	524	576	601 ²			699	730	782	807 ²	
					508	539	591	616 ²			714	745	797	822 ²	
					508	539	591	616 ²			714	745	797	822 ²	
					508	539	591	616 ²			714	745	797	822 ²	
	1150	× 2050*	1224	× 2087*	508	539	591	616 ²	1270	× 2110 ¹	714	745	797	822 ²	
508					539	591	616 ²	714			745	797	822 ²		
Standard sizes 0.6 mm sheet thickness, thick rebate												Indicate handling!			
ZK-1	from 436	× 1468	from 510	× 1505	732	763	815	840	from 556	× 1528	938	969	1021	1046	
					833	864	916	941			up to 1056	× 2028	1039	1070	1122
	up to 936	× 1968	up to 1010	× 2005	865	896	948	973 ²	up to 1184	× 2153 ¹	1071	1102	1154	1179 ²	
	2093		2130		968	999	1051	1076 ²	up to 1306	× 2278 ¹	1174	1205	1257	1282 ²	

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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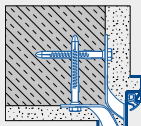
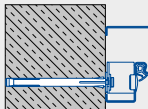


Door box dimensions (TKM)

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert,
Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension	 Door set with corner frame (frame RAL 9016)						 Door set with reveal frame (frame RAL 7035)									
		Structural opening Width × height TKB + 52 × TKH + 33	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height TKB + 98 × TKH + 56	Galvanized	RAL 9016	Preferred colours	Decograin						
Standard sizes 0.6 mm sheet thickness, thick rebate														Indicate handing!			
ZK-1	630 × 2005 2040 2105	682 × 2038 2073 2138	322	353	405	430	728 × 2061 2096 2161	528	559	611	636						
			380	411	463	488		586	617	669	694						
			380	411	463	488		586	617	669	694						
	730 × 2005 2040 2105	782 × 2038 2073 2138	322	353	405	430	828 × 2061 2096 2161	528	559	611	636						
			380	411	463	488		586	617	669	694						
			380	411	463	488		586	617	669	694						
	780 × 2005	832 × 2038	322	353	405	430	878 × 2061	528	559	611	636						
			830 × 2005 2040 2105	882 × 2038 2073 2138	322	353		405	430	928 × 2061 2096 2161	528	559	611	636			
					380	411		463	488		586	617	669	694			
	380	411			463	488	586	617	669		694						
	880 × 2005	932 × 2038	351	382	434	459	978 × 2061	557	588	640	665						
			930 × 2005 2040 2105	982 × 2038 2073 2138	351	382		434	459	1028 × 2061 2096 2161	557	588	640	665			
410					441	493		518	616		647	699	724				
410	441	493			518	616	647	699	724								
1030 × 2005 2040 2105	1082 × 2038 2073 2138	380	411	463	488 ²	1128 × 2061 2096 2161	586	617	669	694 ²							
		461	492	544	569 ²		667	698	750	775 ²							
		461	492	544	569 ²		667	698	750	775 ²							
1130 × 2005 ¹	1182 × 2038 ¹	493	524	576	601 ²	1228 × 2061 ¹	699	730	782	807 ²							
Special sizes 0.6 mm sheet thickness, thick rebate												Indicate handing!					
ZK-1	from 458 × 1472	from 510 × 1505					from 556 × 1528										
	up to 958 × 1972	up to 1010 × 2005	732	763	815	840	up to 1056 × 2028	938	969	1021	1046						
	2097	2130	833	864	916	941	2153	1039	1070	1122	1147						
	up to 1083 × 2097 ¹	up to 1135 × 2130 ¹	865	896	948	973 ²	up to 1184 × 2153 ¹	1071	1102	1154	1179 ²						
	up to 1208 × 2222 ¹	up to 1260 × 2255 ¹	968	999	1051	1076 ²	up to 1306 × 227 ¹	1174	1205	1257	1282 ²						

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

Internal doors

Door set ZK-1



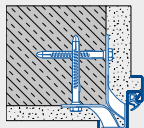
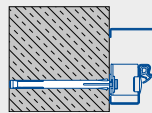
NL

Door box dimension for width / door cover dimension for height

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension for width / door cover dimension for height		 Door set with corner frame (frame RAL 9002)					 Door set with reveal frame (frame RAL 7035)								
	Width × height		Structural opening Width × height	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height	Galvanized	RAL 9016	Preferred colours	Decograin				
	TKB + 52 × TDH + 20		TKB + 98 × TDH + 43													
Standard sizes 0.6 mm sheet thickness, thick rebate													Indicate handing!			
ZK-1	630	× 2015	682	× 2035	315	346	398	423	728	× 2058	521	552	604	629		
		2115		2135	373	404	456	481		2158	579	610	662	687		
	730	× 2015	782	× 2035	315	346	398	423	828	× 2058	521	552	604	629		
		2115		2135	373	404	456	481		2158	579	610	662	687		
	780	× 2015	832	× 2035	315	346	398	423	878	× 2058	521	552	604	629		
	830	× 2015	882	× 2035	315	346	398	423	928	× 2058	521	552	604	629		
		2115		2135	373	404	456	481		2158	579	610	662	687		
	880	× 2015	932	× 2035	344	375	427	452	978	× 2058	550	581	633	658		
ZK-1	930	× 2015	982	× 2035	344	375	427	452	1028	× 2058	550	581	633	658		
		2115		2135	403	434	486	511		2158	609	640	692	717		
	1030	× 2015	1082	× 2035	373	404	456	481 ²	1128	× 2058	579	610	662	687 ²		
		2115		2135	454	485	537	562 ²		2158	660	691	743	768 ²		
	1130	× 2015 ¹	1182	× 2035 ¹	486	517	569	594 ²	1228	× 2058 ¹	692	723	775	800 ²		
Special sizes 0.6 mm sheet thickness, thick rebate													Indicate handing!			
ZK-1	from 458	× 1485	from 510	× 1505					from 556	× 1528						
	up to 958	× 1985	up to 1010	× 2005	725	756	808	833	up to 1056	× 2028	931	962	1014	1039		
		2110		2130	826	857	909	934		2153	1032	1063	1115	1140		
	up to 1083	× 2110 ¹	up to 1135	× 2130 ¹	858	889	941	966 ²	up to 1184	× 2153 ¹	1064	1095	1147	1172 ²		
	up to 1208	× 2235 ¹	up to 1260	× 2255 ¹	961	992	1044	1069 ²	up to 1306	× 2278 ¹	1167	1198	1250	1275 ²		

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

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Internal doors

Door set ZK-1

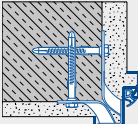
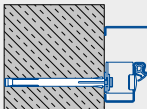
Door cover dimension (TDM)



Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Door cover dimension	 Door set with corner frame (frame RAL 9016)						 Door set with reveal frame (frame RAL 7035)					
	Width x height	Frame hold dimension width x height TDB-18 x TDH-2	Galvanized	RAL 9016	Preferred colours	Decograin	Frame hold dimension width x height TDB-18 x TDH-2	Galvanized	RAL 9016	Preferred colours	Decograin		
Standard sizes 0.6 mm sheet thickness, thick rebate												Indicate handing!	
ZK door leaf	750 x 2015	732 x 2013	322	353	405	430	732 x 2013	528	559	611	636		
	850 x 2015	832 x 2013	322	353	405	430	832 x 2013	528	559	611	636		
	950 x 2015	932 x 2013	351	382	434	459	932 x 2013	557	588	640	665		
Special sizes 0.6 mm sheet thickness, thick rebate												Indicate handing!	
ZK door leaf	from 484 x 1485	from 466 x 1483					from 466 x 1483						
	up to 984 x 1985	up to 966 x 1983	732	763	815	840	up to 966 x 1983	938	969	1021	1046		
	2110	2108	833	864	916	941	2108	1039	1070	1122	1147		
	up to 1109 x 2110 ¹	up to 1091 x 2108 ¹	865	896	948	973 ²	up to 1091 x 2108 ¹	1071	1102	1154	1179 ²		
	up to 1234 x 2235 ¹	up to 1216 x 2233 ¹	968	999	1051	1076 ²	up to 1216 x 2233 ¹	1174	1205	1257	1282 ²		

¹ hardened hinges

² not available in Light Oak, White Ash or Beech

Surfaces / accessories

	Page
Surfaces	Page 88
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Internal doors

Door set ZK-1 dual handed

Nominal size (BRM)

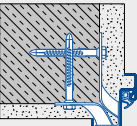


H – LT – LV

Nominal size

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 4 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Nominal size	Structural opening	 Door set with corner frame		
	Width × height	Width × height BRB + 10 × BRH + 5	Galvanized	RAL 9016	
Standard sizes 0.6 mm sheet thickness, thick rebate					Dual handed
ZK-1	750 × 2000	760 × 2005	382	413	
	875 × 2000	885 × 2005	382	413	
	1000 × 2000	1010 × 2005	407	438	

Internal doors

Door set ZK-1 dual handed

Structural wall opening (LW)

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 4 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description



Door type	Structural opening	Clear frame dimension	 Door set with corner frame		
	Width × height	Width × height LWB-74 × LWH-37	RAL 9016	RAL 7016	
Standard sizes 0.6 mm sheet thickness, thick rebate					Dual handed
ZK-1	750 × 2100	676 × 2063	468	520	
	800 × 2100	726 × 2063	468	520	
	900 × 2100	826 × 2063	468	520	
	1000 × 2100	926 × 2063	498	550	

Internal doors

Door set ZK-1 dual handed

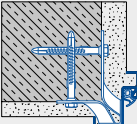


GR - I

Structural wall opening (LW) – Italy –

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 4 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Structural opening Italy	Clear frame dimension	 Door set with corner frame				
	Width × height	Width × height LWIB-34 × LWIH-17	RAL 9002	RAL 9016			
Standard sizes 0.6 mm sheet thickness, thick rebate						Dual handed	
ZK-1	700 ×	2050	666 ×	2033	408	408	
		2131		2114	468	468	
		2150		2133	494	494	
	800 ×	2050	766 ×	2033	408	408	
		2131		2114	468	468	
		2150		2133	494	494	
	900 ×	2050	866 ×	2033	408	408	
		2131		2114	468	468	
		2150		2133	494	494	
	1000 ×	2050	966 ×	2033	431	431	
		2131		2114	498	498	
		2150		2133	519	519	

Important:
Pallet order!

Structural opening

Internal doors
Brandis factory

Internal doors

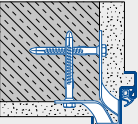
Door set ZK-1 dual handed

Door box dimensions (TKM)



Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 4 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension	Structural opening	 Door set with corner frame			
	Width × height	Width × height TKB + 52 × TKH + 41	Galvanized	RAL 9016		
Standard sizes 0.6 mm sheet thickness, thick rebate						Dual handed
ZK-1	630 × 2040	682 × 2081	433	464		
	730 × 2040	782 × 2081	433	464		
	830 × 2040	882 × 2081	433	464		
	930 × 2040	982 × 2081	467	498		
	1030 × 2040	1082 × 2081	517	548		
	1130 × 2040	1182 × 2081	517	548		

Notes and sketches

Internal doors

Door set ZK-2

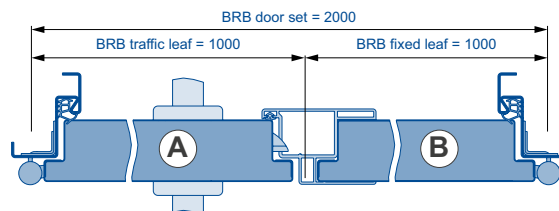
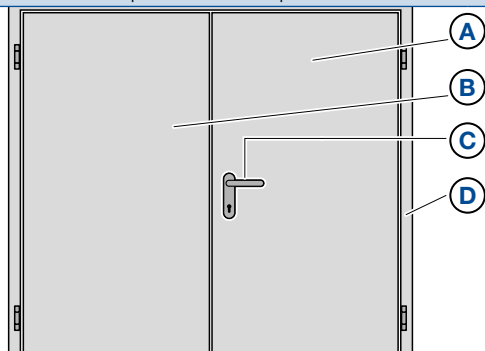
Nominal size (BRM)

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges



Product ID ZK

► See the respective national product data sheet for a detailed product description



Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

Ordering size Door set	Division (standard width)	
	Traffic leaf (A)	Fixed leaf (B)
1500	750	750
1750	875	875
2000	1000	1000

Nominal size		Door leaf (traffic leaf)				Fixed leaf			
		Ⓐ				Ⓑ			
Width x height		Galvanized	RAL 9016	Colour	Decograin	Galvanized	RAL 9016	Colour	Decograin
Standard sizes 0.6 mm sheet thickness, thick rebate									
Indicate handing!									
500	x	2000				438	469	521	546
		2125				706	737	789	814
625	x	2000	224	255	307	332			
		2125	282	313	365	390			
750	x	1875	224	255	307	332			
		2000	224	255	307	332	469	500	552
		2125	282	313	365	390	738	769	821
875	x	1875	224	255	307	332			
		2000	224	255	307	332	469	500	552
		2125	282	313	365	390	738	769	821
1000	x	1875	253	284	336	361			
		2000	253	284	336	361	469	500	552
		2125	312	343	395	420	738	769	821
1125	x	2000 ¹	337	368	420	445 ²			
		2125 ¹	395	426	478	503 ²			
1250	x	2000 ¹	350	381	433	458 ²			
		2125 ¹	410	441	493	518 ²			
Special sizes 0.6 mm sheet thickness, thick rebate									
Indicate handing!									
from 500 up to 1000	x	1500							
		2000	634	665	717	742	859	890	942
		2125	735	766	818	843	945	976	1028
up to 1125	x	2125 ¹	767	798	850	875 ²	945	976	1028
up to 1250	x	2250 ¹	870	901	953	978 ²	1010	1041	1093
									1118 ²

¹ Hardened hinges

² Not available in Light Oak, White Ash or Beech

☐ Special sizes

Internal doors

Door set ZK-2

Nominal size (BRM)



Product ID ZK

Nominal size

► See the respective national product data sheet for a detailed product description

C



Standard fittings for door leaf (including preparation at the factory)

Surcharge €

Lever handle set D-110, short escutcheon PC, black plastic ppn

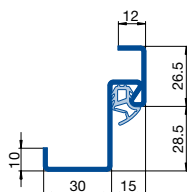
7

Further lever handle sets

See from page 105

D

Frames



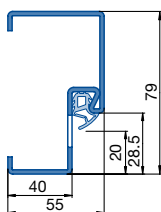
Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Sound-absorbing seal on 3 sides (included)
- Marked at 1 m height, with welded-on V1100 series frame parts
- 6 welded-on wall grouting lugs

Consisting of

	€
Corner frame	160
Seal	2 units Unit price 5 10

IMPORTANT! Frames over 2250 mm nominal size width only available in galvanized version.



Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8100 series hinges (including frame parts)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

	€
Reveal frame profile 21101	503
Seal	2 units Unit price 5 10
Hinge V8100, galvanized	4 units Unit price 3 12

Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8100 series hinges (including frame parts)
- With 6 welded-on dowel brackets behind the frame overlap (3 units / side)
- For plug-and-screw fitting through the frame depth

Consisting of

	€
Add-on frame profile 006	526
Seal	2 units Unit price 5 10
Hinge V8100, galvanized	4 units Unit price 3 12

Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)

E

Surfaces / accessories

Surfaces	Page 88
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Internal doors

Door set ZK-2

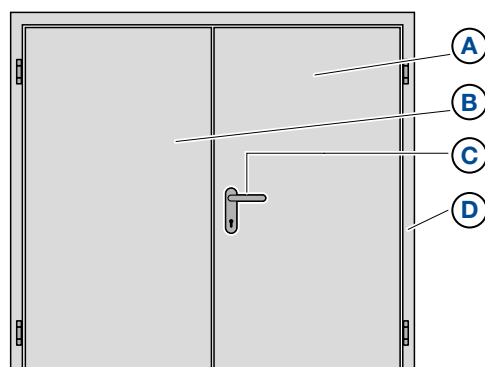
Structural wall opening (LW)

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

► See the respective national product data sheet for a detailed product description

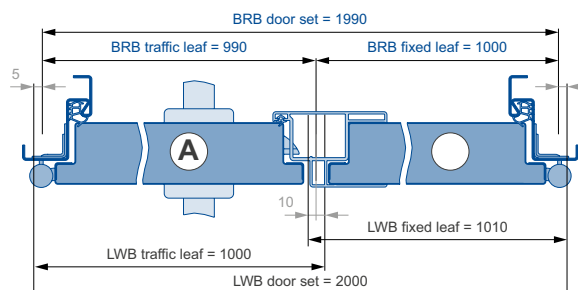


Product ID ZK



Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions



	Door set	Traffic leaf (A)	Fixed leaf (B)
Nominal size	1990	= 990	+ 1000
Structural opening	2000	1000	1010

Ordering size	Division (standard width)		Ordering size	Division (standard width)	
Door set	Traffic leaf	Fixed leaf	Door set	Traffic leaf	Fixed leaf
1300	700	610	1700	900	810
1400	700	710	1800	900	910
1500	800	710	1900	1000	910
1600	800	810	2000	1000	1010

A Door leaf (traffic leaf)							B Fixed leaf											
Structural opening			Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening			Galvanized	RAL 9016	Preferred colours	Decograin					
Width x height							Width x height											
Standard sizes 0.6 mm sheet thickness, thick rebate													Indicate handing					
							310	x	2000	589	620	672	697					
									2100	857	888	940	965					
						510			x	2000	438	469	521	546				
										2100	706	737	789	814				
							610	x	2000	469	500	552	577					
									2100	738	769	821	846					
			700	x	2000	224			255	307	332	710	x	2000	469	500	552	577
					2050	224			255	307	332			2050	469	500	552	577
2100	282	313			365	390	2100	738	769	821	846							
800	x	1900			224	255	307	332	810	x	1900			469	500	552	577	
		2000	224	255	307	332	2000	469			500	552	577					
		2050	224	255	307	332	2050	469			500	552	577					
		2100	282	313	365	390	2100	738			769	821	846					
900	x	1900	224	255	307	332	910	x	1900	469	500	552	577					
		2000	224	255	307	332			2000	469	500	552	577					
		2050	282	313	365	390			2050	411	442	494	519					
		2100	282	313	365	390			2100	738	769	821	846					
1000	x	1900	253	284	336	361	1010	x	1900	469	500	552	577					
		2000	253	284	336	361			2000	469	500	552	577					
		2050	312	343	395	420			2050	411	442	494	519					
		2100	312	343	395	420			2100	738	769	821	846					
1100	x	1900	277	308	360	385 ²												
		2000	277	308	360	385 ²												
		2100	363	394	446	471 ²												
1200	x	1900	395	426	478	503 ²												
		2000	395	426	478	503 ²												
		2100	410	441	493	518 ²												

Internal doors

Door set ZK-2

Structural wall opening (LW)



Product ID ZK

BG – DK – EST – FIN – GB – HR – LT – N – RUS – S – TR

Structural opening

► See the respective national product data sheet for a detailed product description

A Structural opening Door leaf (traffic leaf)					B Structural opening Fixed leaf				
Width x height	Galvanized	RAL 9016	Preferred colours	Decograin	Width x height	Galvanized	RAL 9016	Preferred colours	Decograin
Special sizes 0.6 mm sheet thickness, thick rebate					Indicate handing!				
from 510 x 1505					from 510 x 1505				
up to 1010 x 2005	634	665	717	742	up to 1010 x 2005	859	890	942	967
2130	735	766	818	843	2130	945	976	1028	1053
up to 1135 x 2130 ¹	767	798	850	875 ²	up to 1135 x 2130 ¹	945	976	1028	1053 ²
up to 1260 x 2255 ¹	870	901	953	978 ²	up to 1260 x 2255 ¹	1010	1041	1093	1118 ²

¹ Hardened hinges

² Not available in Light Oak, White Ash or Beech

☐ Special sizes

C Standard fittings for door leaf (including preparation at the factory)		Surcharge €
Lever handle set D-110 , short escutcheon PC, black plastic ppn		7

Further lever handle sets

See from page 105

D

Frames

Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Sound-absorbing seal on 3 sides (included)
- Marked at 1 m height, with welded-on V1100 series frame parts
- 6 welded-on wall grouting lugs

Consisting of

Corner frame

€

160

Seal

2 units

Unit price 5

10

IMPORTANT! Frames over 2260 mm structural opening width only available in galvanized version.

Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8100 series hinges (including frame parts)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

€

Reveal frame profile 21101

503

Seal

2 units

Unit price 5

10

Hinge V8100, galvanized

4 units

Unit price 3

12

Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8100 series hinges (including frame parts)
- For plug-and-screw fitting through the frame face, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

€

Add-on frame profile 006

526

Seal

2 units

Unit price 5

10

Hinge V8100, galvanized

4 units

Unit price 3

12

Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)

E Surfaces / accessories	
Surfaces	Page 88
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Internal doors

Door set ZK-2

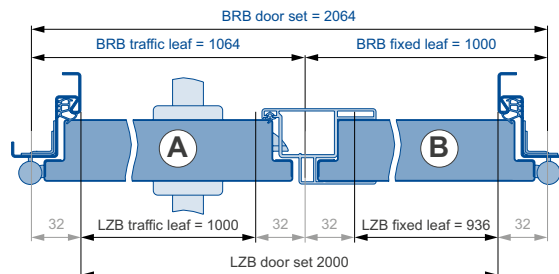
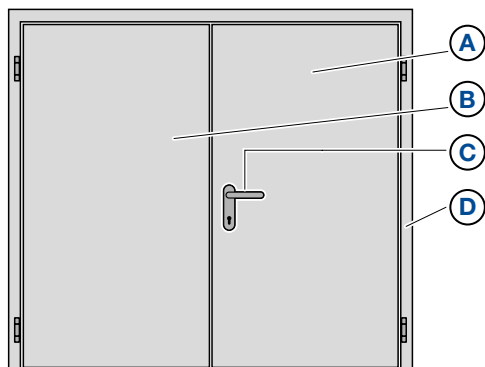
Clear frame dimensions (LZ)



Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

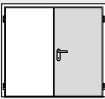
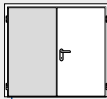
► See the respective national product data sheet for a detailed product description



Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

			Door set	Traffic leaf (A)	Fixed leaf (B)		
Nominal size			2064	=	1064	+	1000
Clear frame dimension			2000		1000		936
Ordering size	Division (standard width)		Ordering size	Division (standard width)			
Door set	Traffic leaf	Fixed leaf	Door set	Traffic leaf	Fixed leaf		
1200	600	536	1650	800	786		
1250	600	586	1700	900	736		
1400	700	636	1800	900	836		
1450	700	686	1850	900	886		
1500	800	636	2000	1000	936		
1600	800	736					

A										B									
Clear frame dimension			 Door leaf (traffic leaf)				Clear frame dimension			 Fixed leaf									
Width x height			Galvanized	RAL 9016	RAL 9002 (Austria)	Preferred colours	Decograin	Width x height			Galvanized	Traffic white	RAL 9002 (Austria)	Preferred colours	Decograin				
Standard sizes 0.6 mm sheet thickness, thick rebate															Indicate handing				
600	x							436	x	2000	469	500	500	552	577				
										2100	738	769	769	821	846				
									486	x	1970	469	500	500	552	577			
		1850	224	255	255	307	332												
		1970	224	255	255	307	332	586	x	1970	469	500	500	552	577				
		2000	224	255	255	307	332	536	x	2000	469	500	500	552	577				
700	x	2050	282	313	313	365	390												
		2100	282	313	313	365	390	536	x	2100	738	769	769	821	846				
		1850	224	255	255	307	332												
		1970	224	255	255	307	332	686	x	1970	469	500	500	552	577				
		2000	224	255	255	307	332	636	x	2000	469	500	500	552	577				
		2050	282	313	313	365	390												
800	x	2100	282	313	313	365	390	636	x	2100	738	769	769	821	846				
		1850	224	255	255	307	332												
		1970	224	255	255	307	332	736	x	1970	469	500	500	552	577				
									x	1970	469	500	500	552	577				
		1980	224	255	255	307	332												
		2000	224	255	255	307	332	736	x	2000	469	500	500	552	577				
850	x	2050	282	313	313	365	390												
		2100	282	313	313	365	390	736	x	2100	738	769	769	821	846				
		1850	224	255	255	307	332												
		2000	224	255	255	307	332												
900	x	1850	253	284	284	336	361												
		1970	253	284	284	336	361	836	x	1970	469	500	500	552	577				
									x	1970	469	500	500	552	577				
		1980	253	284	284	336	361												
		2000	253	284	284	336	361	836	x	2000	469	500	500	552	577				
		2050	312	343	343	395	420												
1000	x	2100	312	343	343	395	420	836	x	2100	738	769	769	821	846				
		1850	282	313	313	365	390												

Internal doors

Door set ZK-2

Clear frame dimensions (LZ)



A - CH - I - P - PL

Product ID ZK

Clear frame dimension

Internal doors
Brandis factory

► See the respective national product data sheet for a detailed product description

A											B										
Clear frame dimension		Door leaf (traffic leaf)					Clear frame dimension		Fixed leaf												
Width x height		Galvanized	RAL 9016	RAL 9002 (Austria)	Preferred colours	Decograin	Width x height		Galvanized	Traffic white	RAL 9002 (Austria)	Preferred colours	Decograin								
1100	x	1970	282	313	313	365	390	936	x	1970	469	500	500	552	577						
		1980	282	313	313	365	390														
		2000	282	313	313	365	390	936	x	2000	469	500	500	552	577						
		2050	363	394	394	446	471														
		2100	363	394	394	446	471	936	x	2100	738	769	769	821	846						
		1970*	395	426	426	478	503 ²														
		1980*	395	426	426	478	503 ²														
		2100*	410	441	441	493	518 ²														
	1150	x	2050*	410	441	441	493	518 ²													
			2100*	410	441	441	493	518 ²													
Special sizes 0.6 mm sheet thickness, thick rebate																Indicate handing!					
from 436	x	1468						from 436	x	1468											
up to 936	x	1968	634	665	665	717	742	up to 936	x	1968	859	890	890	942	967						
		2093	735	766	766	818	843			2093	945	976	976	1028	1053						
up to 1061	x	2093 ¹	767	798	798	850	875 ²	up to 1061	x	2093 ¹	945	976	976	1028	1053 ²						
up to 1186	x	2218 ¹	870	901	901	953	978 ²	up to 1186	x	2218 ¹	1010	1041	1041	1093	1118 ²						

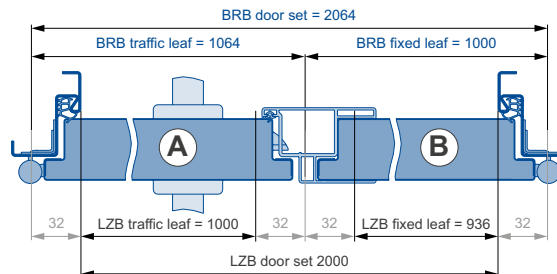
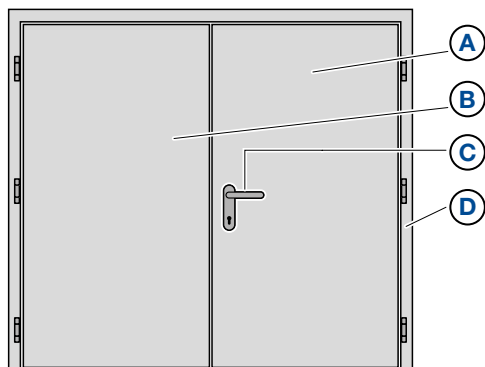


Clear frame dimensions (LZ)

Product ID ZK

Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert,
Mortise lock, black lever handle set, 2-part hinges (3 × hinges)

► See the respective national product data sheet for a detailed product description



	Door set	Traffic leaf (A)	Fixed leaf (B)
Nominal size	2064	= 1064	+ 1000
Clear frame dimension	2000	1000	936

Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

Ordering size	Division (standard width)		Ordering size	Division (standard width)	
Door set	Traffic leaf	Fixed leaf	Door set	Traffic leaf	Fixed leaf
1200	600	536	1650	800	786
1250	600	586	1700	900	736
1400	700	636	1800	900	836
1450	700	686	1850	900	886
1500	800	636	2000	1000	936
1600	800	736			

A Door leaf (traffic leaf)					B Fixed leaf								
Clear frame dimension		Galvanized	RAL 9016	Preferred colours	Decograin	Clear frame dimension		Galvanized	RAL 9016	Preferred colours	Decograin		
Width x height						Width x height							
Standard sizes 0.6 mm sheet thickness, thick rebate													
						436	x	2000	469	500	552	577	
								2100	738	769	821	846	
		486	x	1970	469	500	552	577					
600	x	1850	224	255	307	332							
		1970	224	255	307	332	586	x	1970	469	500	552	577
		2000	224	255	307	332	536	x	2000	469	500	552	577
		2050	282	313	365	390							
		2100	282	313	365	390	536	x	2100	738	769	821	846
700	x	1850	224	255	307	332							
		1970	224	255	307	332	686	x	1970	469	500	552	577
		2000	224	255	307	332	636	x	2000	469	500	552	577
		2050	282	313	365	390							
		2100	282	313	365	390	636	x	2100	738	769	821	846
800	x	1850	224	255	307	332							
		1970	224	255	307	332	736	x	1970	469	500	552	577
								x	1970	469	500	552	577
		1980	224	255	307	332							
		2000	224	255	307	332	736	x	2000	469	500	552	577
		2050	282	313	365	390							
		2100	282	313	365	390	736	x	2100	738	769	821	846
850	x	1850	224	255	307	332							
		2000	224	255	307	332							
900	x	1850	253	284	336	361							
		1970	253	284	336	361	836	x	1970	469	500	552	577
								x	1970	469	500	552	577
		1980	253	284	336	361							
		2000	253	284	336	361	836	x	2000	469	500	552	577
		2050	312	343	395	420							
		2100	312	343	395	420	836	x	2100	738	769	821	846

Internal doors

Door set ZK-2

Clear frame dimensions (LZ)



CZ – SK

Product ID ZK

► See the respective national product data sheet for a detailed product description

A						B					
Clear frame dimension		Door leaf (traffic leaf)				Clear frame dimension		Fixed leaf			
Width x height		Galvanized	RAL 9016	Preferred colours	Decograin	Width x height		Galvanized	RAL 9016	Preferred colours	Decograin
1000	x 1850	282	313	365	390						
	1970	282	313	365	390	936	x 1970	469	500	552	577
	1980	282	313	365	390						
	2000	282	313	365	390	936	x 2000	469	500	552	577
	2050	363	394	446	471						
	2100	363	394	446	471	936	x 2100	738	769	821	846
1100	x 1970 ¹	395	426	478	503 ²						
	1980 ¹	395	426	478	503 ²						
	2100 ¹	410	441	493	518 ²						
1150	x 2050 ¹	410	441	493	518 ²						
	2100 ¹	410	441	493	518 ²						
Special sizes 0.6 mm sheet thickness, thick rebate											
from 436						Indicate handing!					
up to 936	x 1468					from 436	x 1468				
	x 1968	634	665	717	742	up to 936	x 1968	859	890	942	967
	2093	735	766	818	843		2093	945	976	1028	1053
up to 1061	x 2093 ¹	767	798	850	875 ²	up to 1061	x 2093 ¹	945	976	1028	1053 ²
up to 1186	x 2218 ¹	870	901	953	978 ²	up to 1186	x 2218 ¹	1010	1041	1093	1118 ²

¹ Hardened hinges

² Not available in Light Oak, White Ash or Beech

☐ Special sizes

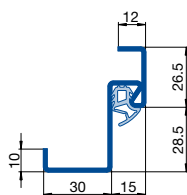
C Standard fittings for door leaf (including preparation at the factory) Surcharge €



Lever handle set D-110, short escutcheon PC, black plastic ppn

7

D Frames



Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Marked at 1 m height, with welded-on V1100 series frame parts
- 6 welded-on wall grouting lugs, sound-absorbing seal on 3 sides (included)

Consisting of €

Corner frame 160

Seal 2 units Unit price 5 10

IMPORTANT! Frames over 2186 mm clear frame dimension width only available in galvanized version.

Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Prepared for V8100 series hinges (including frame parts), sound-absorbing seal on 3 sides (included)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of €

Reveal frame profile 21101 503

Seal 2 units Unit price 5 10

Hinge V8100, galvanized 6 units Unit price 3 18

Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Prepared for V8100 series hinges (including frame parts), sound-absorbing seal on 3 sides (included)
- For plug-and-screw fitting through the frame face, with 6 dowel brackets behind the frame overlap (3 units / side)

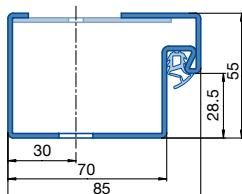
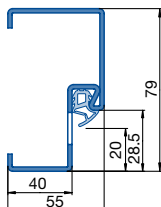
Consisting of €

Add-on frame profile 006 526

Seal 2 units Unit price 5 10

Hinge V8100, galvanized 6 units Unit price 3 18

IMPORTANT! Powder-coated in preferred colour or RAL of your choice possible up to nominal size width of 1106 mm



B - L Internal doors

Door set ZK-2

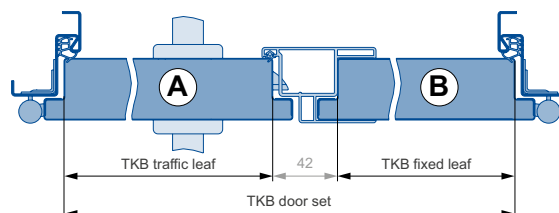
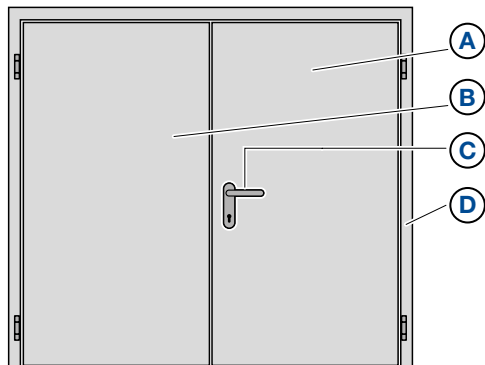
Door box dimensions (TKM)

Product ID ZK



Door leaf thickness 40 mm, sheet thickness 0.6 mm, thick rebate, rebated on 3 sides, honeycomb insert, Mortise lock, black lever handle set, 2-part hinges

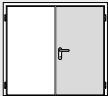
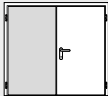
► See the respective national product data sheet for a detailed product description



Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

Ordering size Door set	Division (standard width)	
	Traffic leaf (A)	Fixed leaf (B)
1302	630	630
1502	730	730
1702	830	830
1902	930	930

Door box dimension		Door leaf (traffic leaf)				Fixed leaf				
		A				B				
Width × height		Galvanized	RAL 9016	Preferred colours	Decograin	Galvanized	RAL 9016	Preferred colours	Decograin	
Standard sizes 0.6 mm sheet thickness, thick rebate						Indicate handing				
630	×	2005	224	255	307	332	438	469	521	546
		2040	282	313	365	390	438	469	521	546
		2105	282	313	365	390				
730	×	2005	224	255	307	332	438	469	521	546
		2040	282	313	365	390	438	469	521	546
		2105	282	313	365	390				
780	×	2005	224	255	307	332				
830	×	2005	224	255	307	332	438	469	521	546
		2040	282	313	365	390	438	469	521	546
		2105	282	313	365	390				
880	×	2005	253	284	336	361				
930	×	2005	253	284	336	361	438	469	521	546
		2040	312	343	395	420	438	469	521	546
		2105	312	343	395	420				
1030	×	2005	282	313	365	390 ²				
		2040	363	394	446	471 ²				
		2105	363	394	446	471 ²				
1130	×	2005	395	426	478	503 ²				
Special sizes 0.6 mm sheet thickness, thick rebate						Indicate handing				
from 458 up to 958	×	1472								
		1972	634	665	717	742	859	890	942	967
		2097	735	766	818	843	945	976	1028	1053
up to 1083	×	2097 ¹	767	798	850	875 ²	945	976	1028	1053 ²
up to 1208	×	2222 ¹	870	901	953	978 ²	1010	1041	1093	1118 ²

¹ Hardened hinges

² Not available in Light Oak, White Ash or Beech

☐ Special sizes

Internal doors

Door set ZK-2

Door box dimensions (TKM)



B-L

Product ID ZK

► See the respective national product data sheet for a detailed product description

C

Standard fittings for door leaf (including preparation at the factory)

Surcharge €



Lever handle set D-110, short escutcheon PC, black plastic ppn

7

Further lever handle sets

See from page 105

D

Frames

Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Sound-absorbing seal on 3 sides (included)
- Marked at 1 m height, with welded-on V1100 series frame parts
- 6 welded-on wall grouting lugs

Consisting of

Corner frame			160
Seal	2 units	Unit price 5	10

IMPORTANT! Frames over 2260 mm structural opening width only available in galvanized version.

Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8100 series hinges (including frame parts)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

Reveal frame profile 21101			503
Seal	2 units	Unit price 5	10
Hinge V8100, galvanized	4 units	Unit price 3	12

Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8100 series hinges (including frame parts)
- For plug-and-screw fitting through the frame face, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

Add-on frame profile 006			526
Seal	2 units	Unit price 5	10
Hinge V8100, galvanized	4 units	Unit price 3	12

Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)

E

Surfaces / accessories

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Brandis factory – reinforced internal doors OIT

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Product data sheets for reinforced internal doors	From page 152

Reinforced internal doors

Door leaf OIT 40

Nominal size (BRM)



Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, 2 top hinge parts V 0026 WF galvanized only (3-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Nominal size		Door box dimension		Door leaf					
	Width × height		Width × height BRB-42 × BRH-28		Galvanized	RAL 9016	Colour	Decograin		
Standard sizes 0.8 mm sheet thickness, thick rebate									Indicate handling	
OIT-1	625	×	2000	583	×	1972	547	578	630	655
			2125			2097	655	686	738	763
	750	×	1875	708	×	1847	547	578	630	655
			2000			1972	547	578	630	655
			2125			2097	655	686	738	763
	875	×	1875	833	×	1847	547	578	630	655
			2000			1972	547	578	630	655
			2125			2097	655	686	738	763
	1000	×	1875	958	×	1847	648	679	731	756
			2000			1972	648	679	731	756
			2125			2097	747	778	830	855
	1125	×	2125	1083	×	2097	826	857	909	934 ¹
	1250	×	2000	1208	×	1972	742	773	825	850 ¹
			2125			2097	836	867	919	944 ¹
Special sizes 0.8 mm sheet thickness, thick rebate									Indicate handling	
OIT-1	from 500	×	1500	from 458	×	1472	973	1004	1056	1081
			up to 1000			×				
			2125			2097	1304	1335	1387	1412
	up to 1125	×	2125	up to 1083	×	2097	1304	1335	1387	1412 ¹
	up to 1250	×	2250	up to 1208	×	2222	1581	1612	1664	1689 ¹

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door leaf OIT 40



Structural wall opening (LW)

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, 2 top hinge parts V 0026 WF galvanized only (3-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Structural opening		Door box dimension		Door leaf					
	Width × height		Width × height LWB-52 × LWH-33		Galvanized	RAL 9016	Colour	Decograin		
Standard sizes 0.8 mm sheet thickness, thick rebate									Indicate handling!	
OIT-1	700	×	2000	648	×	1967	547	578	630	655
			2050			2017	655	686	738	763
			2100			2067	655	686	738	763
	800		1900	748	×	1867	547	578	630	655
			2000			1967	547	578	630	655
			2050			2017	655	686	738	763
			2100			2067	655	686	738	763
	900	×	1900	848	×	1867	648	679	731	756
			2000			1967	648	679	731	756
			2050			2017	747	778	830	855
			2100			2067	747	778	830	855
	1000	×	1900	948	×	1867	648	679	731	756
			2000			1967	648	679	731	756
			2050			2017	747	778	830	855
			2100			2067	747	778	830	855
	1100	×	1900	1048	×	1867	756	787	839	864 ¹
			2000			1967	756	787	839	864 ¹
			2100			2067	842	873	925	950 ¹
	1200	×	1900	1148	×	1867	862	893	945	970 ¹
			2000			1967	862	893	945	970 ¹
			2100			2067	935	966	1018	1043 ¹
Special sizes 0.8 mm sheet thickness, thick rebate									Indicate handling!	
OIT-1	from 510	×	1505	from 458	×	1472	973	1004	1056	1081
	up to 1010	×	2005	up to 958	×	1972				
		2130		2097						
	up to 1135	×	2130	up to 1083	×	2097	1304	1335	1387	1412 ¹
	up to 1260	×	2255	up to 1208	×	2222	1581	1612	1664	1689 ¹

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door leaf OIT 40

Clear frame dimensions (LZ)

Product ID OIT 40



A - CH - CZ - I - PL - SK

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, 2 top hinge parts V 0026 WF galvanized only (3-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension		Door box dimension		Door leaf							
	Width × height		Width × height LZB + 22 × LZH + 4		Galvanized	RAL 9016	Colour	Decograin				
Standard sizes 0.8 mm sheet thickness, thick rebate									Indicate handling			
OIT-1	600	×	1970	622	×	1974	547	578	630	655		
			2000			2004	547	578	630	655		
			2100			2104	655	686	738	763		
	700	×	1970	722	×	1974	547	578	630	655		
			2000			2004	547	578	630	655		
			2100			2104	655	686	738	763		
	800	×	1850	822	×	1854	547	578	630	655		
			1970			1974	547	578	630	655		
			1980			1984	547	578	630	655		
			2000			2004	547	578	630	655		
			2100			2104	655	686	738	763		
	850	×	2000	872	×	2004	648	679	731	756		
			2100			2104	747	778	830	855		
	900	×	1850	922	×	1854	648	679	731	756		
			1970			1974	648	679	731	756		
			1980			1984	648	679	731	756		
			2000			2004	648	679	731	756		
			2100			2104	747	778	830	855		
	1000	×	1850	1022	×	1854	756	787	839	864		
			1970			1974	756	787	839	864		
			1980			1984	756	787	839	864		
			2000			2004	756	787	839	864		
			2100			2104	842	873	925	950		
	1100	×	1980	1122	×	1984	862	893	945	970 ¹		
			2100			2104	935	966	1018	1043 ¹		
	1150	×	2100	1178	×	2104	935	966	1018	1043 ¹		
	1186	×	2218	1208	×	2222	1030	1061	1113	1138 ¹		
Special sizes 0.8 mm sheet thickness, thick rebate									Indicate handling			
OIT-1	from 436	×	1468	from 458	×	1472	973	1004	1056	1081		
			up to 936			×					1968	up to 958
			2093			2097	1304	1335	1387	1412		
	up to 1061		×	2093	up to 1083		×	2097	1304	1335	1387	1412 ¹
	up to 1186		×	2218	up to 1208		×	2222	1581	1612	1664	1689 ¹

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door leaf OIT 40



Door box dimensions (TKM)

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, 2 top hinge parts V 0026 WF galvanized only (3-part hinge)

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension			Frame hold dimension			Door leaf									
	Width × height			Width × height TKB + 8 × TKH + 11			Galvanized	RAL 9016	Colour	Decograin						
Standard sizes 0.8 mm sheet thickness, thick rebate											Indicate handling					
OIT-1	630	×	2005	638	×	2016	547	578	630	655						
							655	686	738	763						
							655	686	738	763						
	730	×	2005	738	×	2016	547	578	630	655						
							655	686	738	763						
							655	686	738	763						
	780	×	2005	788	×	2016	547	578	630	655						
							830	×	2005	838	×	2016	547	578	630	655
													655	686	738	763
	655	686	738	763												
	880	×	2005	888	×	2016	648	679	731	756						
							930	×	2005	938	×	2016	648	679	731	756
													747	778	830	855
	747	778	830	855												
	1030	×	2005	1038	×	2016	756	787	839	864 ¹						
							842	873	925	950 ¹						
							842	873	925	950 ¹						
	1130	×	2005	1138	×	2016	862	893	945	970 ¹						
Special sizes 0.8 mm sheet thickness, thick rebate											Indicate handling					
OIT-1	from 458	×	1472	from 466	×	1483	973	1004	1056	1081						
			up to 958			×					1972	up to 966	×	1983		
	2097			2108	1304	1335					1387	1412				
	up to 1083	×	2097	up to 1091	×	2108					1304	1335	1387	1412 ¹		
up to 1208	×	2222	up to 1216	×	2233	1581	1612	1664	1689 ¹							

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door set OIT 40-1

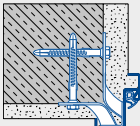
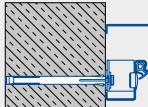
Nominal size (BRM)



Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, black lever handle set, 3-part hinges WF with securing pin

► See the respective national product data sheet for a detailed product description

Door type	Nominal size		 Door set with corner frame (frame RAL 9016)					 Door set with reveal frame (frame RAL 7035) Nominal size (ordering size) = overall frame dimension									
			Structural opening Width × height BRB + 10 × BRH + 5	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height BRB + 10 × BRH + 5	Galvanized	RAL 9016	Preferred colours	Decograin					
Standard sizes 0.8 mm sheet thickness, thick rebate													Indicate handling!				
OIT-1	625 × 2000	2125	635 × 2005	2130	645	676	728	753	635 × 2005	2130	853	884	936	961			
					753	784	836	861				961	992	1044	1069		
	750 × 1875	2000	760 × 1880	2005	645	676	728	753	760 × 1880	2005	853	884	936	961			
		2125		2130	753	784	836	861		2130	961	992	1044	1069			
	875 × 1875	2000	885 × 1880	2005	645	676	728	753	885 × 1880	2005	853	884	936	961			
		2125		2130	753	784	836	861		2130	961	992	1044	1069			
	1000 × 1875	2000	1010 × 1880	2005	746	777	829	854	1010 × 1880	2005	954	985	1037	1062			
		2125		2130	845	876	928	953		2130	1053	1084	1136	1161			
	1125 × 2125		1135 × 2130		924	955	1007	1032	1135 × 2130		1132	1163	1215	1240			
1250 × 2000	2125	1260 × 2005	2130	934	965	1017	1042	1260 × 2005	2130	1142	1173	1225	1250				
Special sizes 0.8 mm sheet thickness, thick rebate													Indicate handling!				
OIT-1	from 500 × 1500 up to 1000 × 2000	2125	from 510 × 1505 up to 1010 × 2005	2130	1071	1102	1154	1179									
				1402	1433	1485	1510										
				1402	1433	1485	1510 ¹										
	up to 1125 × 2125	up to 1135 × 2130	1402	1433	1485	1510 ¹											
	up to 1250 × 2250	up to 1260 × 2255	1679	1710	1762	1787 ¹											
	from 546 × 1523 from 1046 × 2023	2148										from 556 × 1528 up to 1056 × 2028	2153	1279	1310	1362	1387
								1610	1641	1693	1718						
		from 1174 × 2148 ¹							up to 1184 × 2153	1610	1641		1693	1718 ¹			
	from 1296 × 2273 ¹		up to 1306 × 2278	1887	1918	1970	1995 ¹										

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door set OIT 40-1

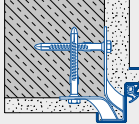
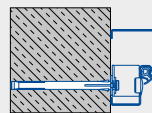
Structural wall opening (LW)



Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, black lever handle set, 3-part hinges WF with securing pin

► See the respective national product data sheet for a detailed product description

Door type	Structural opening															
		Door set with corner frame (frame RAL 9016)						Door set with reveal frame (frame RAL 7035)								
	Width × height	Clear frame dimension Width × height LWB-74 × LWH-37	Galvanized	RAL 9016	Preferred colours	Decograin	Clear frame dimension Width × height LWB-120 × LWH-60	Galvanized	RAL 9016	Preferred colours	Decograin					
Standard sizes 0.8 mm sheet thickness, thick rebate												Indicate handing!				
OIT-1	700 × 2000	626 × 1963	645	676	728	753	580 × 1940	853	884	936	961					
			2050	753	784	836		861	1990	961	992	1044	1069			
			2100	753	784	836		861	2040	961	992	1044	1069			
	800 × 1900	726 × 1863	645	676	728	753	680 × 1840	853	884	936	961					
			1963	645	676	728		753	1940	853	884	936	961			
			2000	753	784	836		861	1990	961	992	1044	1069			
			2050	753	784	836		861	2040	961	992	1044	1069			
	900 × 1900	826 × 1863	746	777	829	854	780 × 1840	954	985	1037	1062					
			1963	746	777	829		854	1940	954	985	1037	1062			
			2000	845	876	928		953	1990	1053	1084	1136	1161			
			2050	845	876	928		953	2040	1053	1084	1136	1161			
	1000 × 1900	926 × 1863	746	777	829	854	880 × 1840	954	985	1037	1062					
			1963	746	777	829		854	1940	954	985	1037	1062			
			2000	845	876	928		953	1990	1053	1084	1136	1161			
			2050	845	876	928		953	2040	1053	1084	1136	1161			
	1100 × 1900	1026 × 1863	854	885	937	962 ¹	980 × 1840	1062	1093	1145	1170 ¹					
			2000	854	885	937		962 ¹	1940	1062	1093	1145	1170 ¹			
			2100	940	971	1023		1048 ¹	2040	1148	1179	1231	1256 ¹			
	1200 × 1900	1126 × 1863	960	991	1043	1068 ¹	1080 × 1840	1168	1199	1251	1276 ¹					
			2000	960	991	1043		1068 ¹	1940	1168	1199	1251	1276 ¹			
			2100	1033	1064	1116		1141 ¹	2040	1241	1272	1324	1349 ¹			
	Special sizes 0.8 mm sheet thickness, thick rebate												Indicate handing!			
	OIT-1	from 510 × 1505 up to 1010 × 2005 2130	from 436 × 1468 up to 936 × 1968 2093	1071	1102	1154	1179									
1402				1433	1485	1510										
1402				1433	1485	1510 ¹										
up to 1135 × 2130 up to 1260 × 2255		up to 1061 × 2093 up to 1186 × 2218	1679	1710	1762	1787 ¹										
from 556 × 1528 up to 1056 × 2028 2153 up to 1184 × 2153 up to 1306 × 2278		from 436 × 1468 up to 936 × 1968 2093 up to 1061 × 2093 up to 1186 × 2218														

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door set OIT 40-1

Structural wall opening (LW)

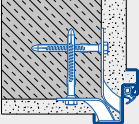
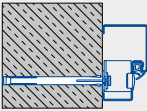


DK – FIN – N – S

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, ASSA ABLOY mortise lock, without lever handle set, 3-part hinges WF with securing pin, rain canopy, aluminium threshold profile with seal

► See the respective national product data sheet for a detailed product description

Door type	Structural opening														
		Door set with corner frame (frame RAL 9016)						Door set with reveal frame (frame RAL 7035)							
	Width x height	Clear frame dimension Width x height LWB-74 x LWH-37	Galvanized	RAL 9016	Preferred colours	Decograin	Clear frame dimension Width x height LWB-120 x LWH-60	Galvanized	RAL 9016	Preferred colours	Decograin				
Standard sizes 0.8 mm sheet thickness, thick rebate												Indicate handling!			
OIT-1	800 x 1900	726 x 1863	748	779	831	856	680 x 1840	956	987	1039	1064				
		1963	748	779	831	856		1940	956	987	1039	1064			
		2063	856	887	939	964		2040	1064	1095	1147	1172			
	900 x 1900	826 x 1863	849	880	932	957	780 x 1840	1057	1088	1140	1165				
		1963	849	880	932	957		1940	1057	1088	1140	1165			
		2063	948	979	1031	1056		2040	1156	1187	1239	1264			
	1000 x 1900	926 x 1863	849	880	932	957	880 x 1840	1057	1088	1140	1165				
		1963	849	880	932	957		1940	1057	1088	1140	1165			
		2063	948	979	1031	1056		2040	1156	1187	1239	1264			
	1100 x 1900	1026 x 1863	957	988	1040	1065 ¹	980 x 1840	1165	1196	1248	1273 ¹				
		1963	957	988	1040	1065 ¹		1940	1165	1196	1248	1273 ¹			
		2063	1043	1074	1126	1151 ¹		2040	1251	1282	1334	1359 ¹			
	1200 x 1900	1126 x 1863	1063	1094	1146	1171 ¹	1080 x 1840	1271	1302	1354	1379 ¹				
		1963	1063	1094	1146	1171 ¹		1940	1271	1302	1354	1379 ¹			
		2063	1136	1167	1219	1244 ¹		2040	1344	1375	1427	1452 ¹			
Special sizes 0.8 mm sheet thickness, thick rebate												Indicate handling!			
OIT-1	from 510 x 1505	from 436 x 1468	1174	1205	1257	1282									
	up to 1010 x 2005	up to 936 x 1968													
	2130	2093													
	up to 1135 x 2130	up to 1061 x 2093	1505	1536	1588	1613 ¹									
	up to 1260 x 2255	up to 1186 x 2218	1782	1813	1865	1890 ¹									
	from 556 x 1528						from 436 x 1468	1382	1413	1465	1490				
	up to 1056 x 2028						up to 936 x 1968								
	2153						2093								
up to 1184 x 2153						up to 1061 x 2093	1713	1744	1796	1821 ¹					
up to 1306 x 2278						up to 1186 x 2218	1990	2021	2073	2098 ¹					

¹ Not available in Light Oak, White Ash or Beech

Important: ASSA version!

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Reinforced internal doors

Door set OIT 40-1

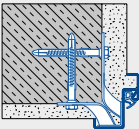
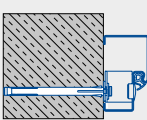
Clear frame dimensions (LZ)



Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert,
Mortise lock, black lever handle set, 3-part hinges WF with securing pin

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension Width × height	 Door set with corner frame (frame RAL 9016)						 Door set with reveal frame (frame RAL 7035)							
		Structural opening Width × height LZB + 74 × LZH + 37	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height LZB-120 × LZH + 60	Galvanized	RAL 9016	Preferred colours	Decograin				
Standard sizes 0.8 mm sheet thickness, thick rebate												Indicate handing!			
OIT-1	600 × 1970 2000 2100	674 × 2007 2037 2137	645	676	728	753	720 × 2030 2060 2160	853	884	936	961				
			645	676	728	753		853	884	936	961				
			753	784	836	861		961	992	1044	1069				
	700 × 1970 2000 2100	774 × 2007 2037 2137	645	676	728	753	820 × 2030 2060 2160	853	884	936	961				
			645	676	728	753		853	884	936	961				
			753	784	836	861		961	992	1044	1069				
	800 × 1850 1970 1980 2000 2100	874 × 1887 2007 2017 2037 2137	645	676	728	753	920 × 1910 2030 2040 2060 2160	853	884	936	961				
			645	676	728	753		853	884	936	961				
			645	676	728	753		853	884	936	961				
			645	676	728	753		853	884	936	961				
			753	784	836	861		961	992	1044	1069				
	850 × 2000 2100	924 × 2037 2137	746	777	829	854	970 × 2060 2160	954	985	1037	1062				
			845	876	928	953		1053	1084	1136	1161				
	900 × 1850 1970 1980 2000 2100	974 × 1887 2007 2017 2037 2137	746	777	829	854	1020 × 1910 2030 2040 2060 2160	954	985	1037	1062				
			746	777	829	854		954	985	1037	1062				
			746	777	829	854		954	985	1037	1062				
			746	777	829	854		954	985	1037	1062				
			845	876	928	953		1053	1084	1136	1161				
	1000 × 1850 1970 1980 2000 2100	1074 × 1887 2007 2017 2037 2137	854	885	937	962	1120 × 1910 2030 2040 2060 2160	1062	1093	1145	1170				
			854	885	937	962		1062	1093	1145	1170				
			854	885	937	962		1062	1093	1145	1170				
			854	885	937	962		1062	1093	1145	1170				
			940	971	1023	1048		1148	1179	1231	1256				
	1100 × 1980 2100	1174 × 2017 2137	960	991	1043	1068 ¹	1220 × 2040 2160	1168	1199	1251	1276 ¹				
			1033	1064	1116	1141 ¹		1241	1272	1324	1349 ¹				
	1150 × 2100	1224 × 2137	1033	1064	1116	1141 ¹	1270 × 2160	1241	1272	1324	1349 ¹				
	1186 × 2218	1260 × 2255	1128	1159	1211	1236 ¹	1306 × 2278	1336	1367	1419	1444 ¹				
Special sizes 0.8 mm sheet thickness, thick rebate												Indicate handing!			
OIT-1	from 436 × 1468 up to 936 × 1968 2093	from 510 × 1505	1071	1102	1154	1179									
		up to 1010 × 2005													
		2130													
	up to 1061 × 2093	up to 1135 × 2130	1402	1433	1485	1510 ¹									
	up to 1186 × 2218	up to 1260 × 2255	1679	1710	1762	1787 ¹									
	from 436 × 1468 up to 936 × 1968 2093						from 556 × 1528	1279	1310	1362	1387				
							up to 1056 × 2028								
							2153								
up to 1061 × 2093						up to 1181 × 2153	1610	1641	1693	1718 ¹					
up to 1186 × 2218						up to 1306 × 2278	1887	1918	1970	1995 ¹					

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door set OIT 40-1

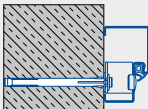
Clear frame dimensions (LZ)



Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, with 1 security bolt Mortise lock, aluminium rose escutcheon, compensating sleeve, 3-part hinges WF with securing pin, bottom edge with double lip seal

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension		Structural opening		 Door set with reveal frame (frame RAL 7035)				
	Width × height		Width × height LZB + 120 × LZH + 60		Galvanized	RAL 9016	Colour	Decograin	
Standard sizes 0.8 mm sheet thickness, thick rebate									Indicate handling
OIT-1	600 ×	2000	720 ×	2060	1018	1049	1101	1126	
		2100		2160	1126	1157	1209	1234	
	700 ×	2000	820 ×	2060	1018	1049	1101	1126	
		2100		2160	1126	1157	1209	1234	
	800 ×	2000	920 ×	2060	1018	1049	1101	1126	
		2100		2160	1126	1157	1209	1234	
	850 ×	2000	970 ×	2060	1119	1150	1202	1227	
		2100		2160	1218	1249	1301	1326	
	900 ×	2000	1020 ×	2060	1119	1150	1202	1227	
		2100		2160	1218	1249	1301	1326	
	1000 ×	2000	1120 ×	2060	1227	1258	1310	1335	
		2100		2160	1313	1344	1396	1421	
Special sizes 0.8 mm sheet thickness, thick rebate									Indicate handling
OIT-1	from 436 ×	1468	from 556 ×	1528	1444	1475	1527	1552	
		up to 936 ×		up to 1056 ×					
	2093	up to 1061 ×	2093	up to 1181 ×	1775	1806	1858	1883	
		up to 1186 ×		up to 1306 ×	2052	2083	2135	2160	

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door set OIT 40-1



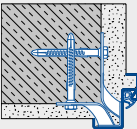
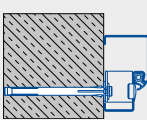
Clear frame dimensions (LZ)

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert

Mortise lock, black lever handle set, 3-part hinges WF with securing pin (3 × hinges)

► See the respective national product data sheet for a detailed product description

Door type	Clear frame dimension Width × height																	
		Door set with corner frame (frame RAL 9016)						Door set with reveal frame (frame RAL 7035)										
		Structural opening Width × height LZB + 74 × LZH + 37	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height LZB + 120 × LZH + 60	Galvanized	RAL 9016	Preferred colours	Decograin							
Standard sizes 0.8 mm sheet thickness, thick rebate														Indicate handing!				
OIT-1	600 × 1970 2000 2100	674 × 2007 2037 2137	645	676	728	753	720 × 2030 2060 2160	853	884	936	961							
			645	676	728	753		853	884	936	961							
			753	784	836	861		961	992	1044	1069							
	700 × 1970 2000 2100	774 × 2007 2037 2137	645	676	728	753	820 × 2030 2060 2160	853	884	936	961							
			645	676	728	753		853	884	936	961							
			753	784	836	861		961	992	1044	1069							
	800 × 1850 1970 1980 2000 2100	874 × 1887 2007 2017 2037 2137	645	676	728	753	920 × 1910 2030 2040 2060 2160	853	884	936	961							
			645	676	728	753		853	884	936	961							
			645	676	728	753		853	884	936	961							
			645	676	728	753		853	884	936	961							
			753	784	836	861		961	992	1044	1069							
	850 × 2000 2100	924 × 2037 2137	746	777	829	854	970 × 2060 2160	954	985	1037	1062							
			845	876	928	953		1053	1084	1136	1161							
	900 × 1850 1970 1980 2000 2100	974 × 1887 2007 2017 2037 2137	746	777	829	854	1020 × 1910 2030 2040 2060 2160	954	985	1037	1062							
			746	777	829	854		954	985	1037	1062							
			746	777	829	854		954	985	1037	1062							
			746	777	829	854		954	985	1037	1062							
			845	876	928	953		1053	1084	1136	1161							
	1000 × 1850 1970 1980 2000 2100	1074 × 1887 2007 2017 2037 2137	854	885	937	962	1120 × 1910 2030 2040 2060 2160	1062	1093	1145	1170							
			854	885	937	962		1062	1093	1145	1170							
			854	885	937	962		1062	1093	1145	1170							
			854	885	937	962		1062	1093	1145	1170							
			940	971	1023	1048		1148	1179	1231	1256							
	1100 × 1980 2100	1174 × 2017 2137	960	991	1043	1068 ¹	1220 × 2040 2160	1168	1199	1251	1276 ¹							
			1033	1064	1116	1141 ¹		1241	1272	1324	1349 ¹							
	1150 × 2100	1224 × 2137	1033	1064	1116	1141 ¹	1270 × 2160	1241	1272	1324	1349 ¹							
	1186 × 2218	1260 × 2255	1128	1159	1211	1236 ¹	1306 × 2278	1336	1367	1419	1444 ¹							
	Special sizes 0.8 mm sheet thickness, thick rebate														Indicate handing!			
	OIT-1	from 436 × 1468 up to 936 × 1968 2093	from 510 × 1505 up to 1010 × 2005 2130	1071	1102	1154	1179											
1402				1433	1485	1510												
1402				1433	1485	1510 ¹												
up to 1061 × 2093 up to 1186 × 2218		up to 1135 × 2130 up to 1260 × 2255	1679	1710	1762	1787 ¹												
from 436 × 1468 up to 936 × 1968 2093																		
up to 1061 × 2093 up to 1186 × 2218								from 556 × 1528 up to 1056 × 2028	1279	1310	1362	1387						
							2153	1610	1641	1693	1718							
							up to 1181 × 2153	1610	1641	1693	1718 ¹							
							up to 1306 × 2278	1887	1918	1970	1995 ¹							

¹ Not available in Light Oak, White Ash or Beech

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Reinforced internal doors

Door set OIT 40-1



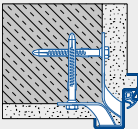
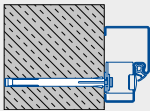
B-L

Door box dimensions (TKM)

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, black lever handle set, 3-part hinges WF with securing pin

► See the respective national product data sheet for a detailed product description

Door type	Door box dimension Width × height	 Door set with corner frame (frame RAL 9016)						 Door set with reveal frame (frame RAL 7035)					
		Structural opening Width × height TKB + 52 × TKH + 33	Galvanized	RAL 9016	Preferred colours	Decograin	Structural opening Width × height TKB + 98 × TKH + 56	Galvanized	RAL 9016	Preferred colours	Decograin		
		Standard sizes 0.8 mm sheet thickness, thick rebate											Indicate handing!
OIT-1	630 × 2005 2040 2105	682 × 2038 2073 2138	645	676	728	753	728 × 2061 2096 2161	853	884	936	961		
			753	784	836	861		961	992	1044	1069		
			753	784	836	861		961	992	1044	1069		
	730 × 2005 2040 2105	782 × 2038 2073 2138	645	676	728	753	828 × 2061 2096 2161	853	884	936	961		
			753	784	836	861		961	992	1044	1069		
			753	784	836	861		961	992	1044	1069		
	780 × 2005	832 × 2038	645	676	728	753	878 × 2061	853	884	936	961		
	830 × 2005 2040 2105	882 × 2038 2073 2138	645	676	728	753	928 × 2061 2096 2161	853	884	936	961		
			753	784	836	861		961	992	1044	1069		
			753	784	836	861		961	992	1044	1069		
	880 × 2005	932 × 2038	746	777	829	854	978 × 2061	954	985	1037	1062		
	930 × 2005 2040 2105	982 × 2038 2073 2138	746	777	829	854	928 × 2061 2096 2161	954	985	1037	1062		
			845	876	928	953		1053	1084	1136	1161		
			845	876	928	953		1053	1084	1136	1161		
	1030 × 2005 2040 2105	1082 × 2038 2073 2138	854	885	937	962 ¹	1128 × 2061 2096 2161	1062	1093	1145	1170 ¹		
			940	971	1023	1048 ¹		1148	1179	1231	1256 ¹		
			940	971	1023	1048 ¹		1148	1179	1231	1256 ¹		
	1130 × 2005	1182 × 2038	960	991	1043	1068 ¹	1228 × 2061	1168	1199	1251	1276 ¹		
Special sizes 0.8 mm sheet thickness, thick rebate												Indicate handing!	
OIT-1	from 458 × 1472 up to 958 × 1972 2097	from 510 × 1505 up to 1010 × 2005 2130											
			1071	1102	1154	1179							
			1402	1433	1485	1510							
	up to 1083 × 2097	up to 1135 × 2130	1402	1433	1485	1510 ¹							
	up to 1208 × 2222	up to 1260 × 2255	1679	1710	1762	1787 ¹							
	from 458 × 1472 up to 958 × 1972 2097												
	up to 1083 × 2097												
	up to 1208 × 2222												
							from 556 × 1528						
							up to 1056 × 2028	1279	1310	1362	1387		
							2153	1610	1641	1693	1718		
							up to 1181 × 2153	1610	1641	1693	1718 ¹		
							up to 1306 × 2278	1887	1918	1970	1995 ¹		

¹ Not available in Light Oak, White Ash or Beech

Surfaces / accessories	Page
Surfaces	Page 88
Glazing cut-outs	Page 104
Optional extras	Page 105–117

Reinforced internal doors

Door set OIT 40-2

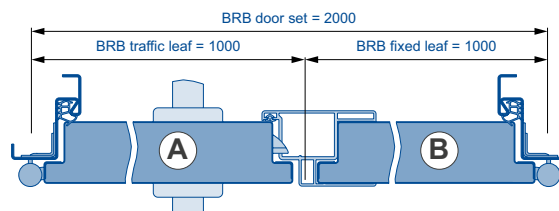
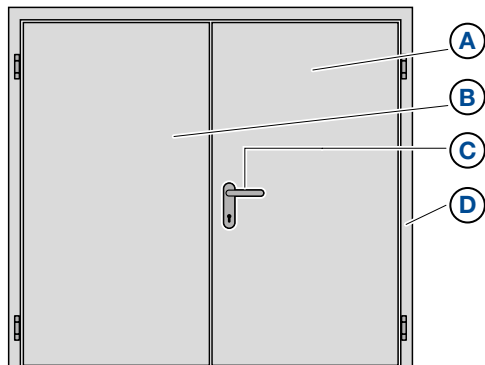
Nominal size (BRM)

Product ID OIT 40



Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, black lever handle set, 3-part hinges WF with securing pin

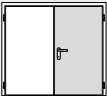
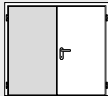
► See the respective national product data sheet for a detailed product description



Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

Ordering size Door set	Division (standard width)	
	Traffic leaf (A)	Fixed leaf (B)
1500	750	750
1750	875	875
2000	1000	1000

Nominal size		A Door leaf (traffic leaf) 				B Fixed leaf 				
Width × height		Galvanized	RAL 9016	Preferred colours	Decograin	Galvanized	RAL 9016	Preferred colours	Decograin	
Standard sizes 0.8 mm sheet thickness, thick rebate										
Indicate handing										
625	×	2000	547	578	630	655				
		2125	655	686	738	763				
750	×	1875	547	578	630	655				
		2000	547	578	630	655	879	910	962	987
		2125	655	686	738	763	1153	1184	1236	1261
875	×	1875	547	578	630	655				
		2000	547	578	630	655	879	910	962	987
		2125	655	686	738	763	1153	1184	1236	1261
1000	×	1875	648	679	731	756				
		2000	648	679	731	756	879	910	962	987
		2125	747	778	830	855	1153	1184	1236	1261
1125	×	2125	826	857	909	934 ¹				
1250	×	2000	742	773	825	850 ¹				
		2125	836	867	919	944 ¹				
Special sizes 0.8 mm sheet thickness, thick rebate										
from 500	×	1500								
up to 1000		2000	973	1004	1056	1081	1236	1267	1319	1344
		2125	1304	1335	1387	1412	1375	1406	1458	1483
up to 1125	×	2125	1304	1335	1387	1412 ¹	1375	1406	1458	1483 ¹
up to 1250	×	2250	1581	1612	1664	1689 ¹	1636	1667	1719	1744 ¹

¹ Not available in Light Oak, White Ash or Beech

☐ Special sizes

Reinforced internal doors

Door set OIT 40-2

Nominal size (BRM)



Product ID OIT 40

Nominal size

► See the respective national product data sheet for a detailed product description

C

Standard fittings for door leaf (including preparation at the factory)

Surcharge €



Lever handle set D-110, short escutcheon PC, black plastic ppn

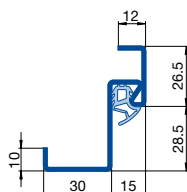
7

Further lever handle sets

See from page 105

D

Frames



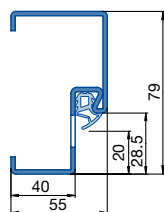
Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Sound-absorbing seal on 3 sides (included)
- Marked at 1 m height, with welded-on V1000-01 WF series frame parts
- 6 welded-on wall grouting lugs

Consisting of

	€
Corner frame	160
Seal	2 units Unit price 5 10

IMPORTANT! Frames over 2250 mm nominal size width only available in galvanized version.



Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8000 WF series hinges (including frame parts)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

	€
Reveal frame profile 21101	503
Seal	2 units Unit price 5 10
Hinge V8000 WF, galvanized	4 units Unit price 4 16

Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8000 WF series hinges (including frame parts)
- With 6 welded-on dowel brackets behind the frame overlap (3 units / side)
- For plug-and-screw fitting through the frame depth

Consisting of

	€
Add-on frame profile 006	526
Seal	2 units Unit price 5 10
Hinge V8000 WF, galvanized	4 units Unit price 4 16

Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)

E

Surfaces / accessories

Surfaces	Page 88
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Reinforced internal doors

Door set OIT 40-2

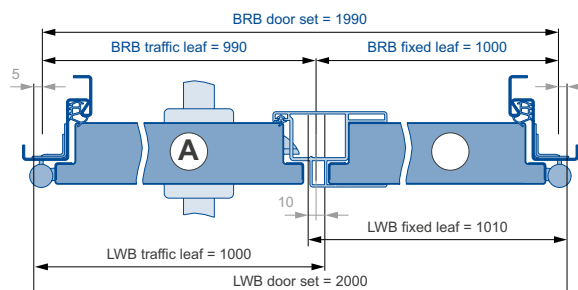
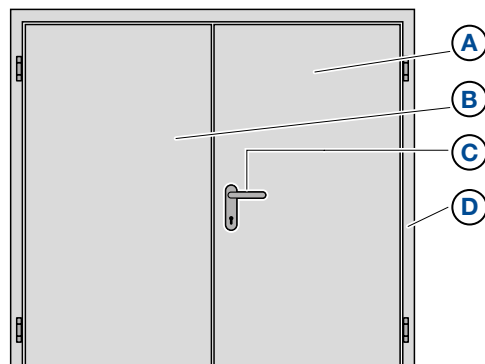
Structural wall opening (LW)

Product ID OIT 40



Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, Mortise lock, black lever handle set, 3-part hinges WF with securing pin

► See the respective national product data sheet for a detailed product description



Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

	Door set	Traffic leaf (A)	Fixed leaf (B)
Nominal size	1990	= 990	+ 1000
Structural opening	2000	1000	1010

Ordering size	Division (standard width)		Ordering size	Division (standard width)	
Door set	Traffic leaf	Fixed leaf	Door set	Traffic leaf	Fixed leaf
1300	700	610	1700	900	810
1400	700	710	1800	900	910
1500	800	710	1900	1000	910
1600	800	810	2000	1000	1010

A						B							
Structural opening		Door leaf (traffic leaf)				Structural opening		Fixed leaf					
Width x height		Galvanized	Traffic white	Preferred colours	Decograin	Width x height		Galvanized	Traffic white	Preferred colours	Decograin		
Standard sizes 0.6 mm sheet thickness, thick rebate						Indicate handing							
						610	x	2000	879	910	962	987	
								2100	1153	1184	1236	1261	
700	x	2000	547	578	630	655	710	x	2000	879	910	962	987
		2050	655	686	738	763							
		2100	655	686	738	763			2100	1153	1184	1236	1261
800	x	1900	547	578	630	655	810	x	1900	879	910	962	987
		2000	547	578	630	655			2000	879	910	962	987
		2050	655	686	738	763			2050				
		2100	655	686	738	763			2100	1153	1184	1236	1261
900	x	1900	648	679	731	756	910	x	1900	879	910	962	987
		2000	648	679	731	756			2000	879	910	962	987
		2050	747	778	830	855			2050				
		2100	747	778	830	855			2100	1153	1184	1236	1261
1000	x	1900	648	679	731	756	1010	x	1900	879	910	962	987
		2000	648	679	731	756			2000	879	910	962	987
		2050	747	778	830	855			2050				
		2100	747	778	830	855			2100	1153	1184	1236	1261
1100	x	1900	756	787	839	864 ¹							
		2000	756	787	839	864 ¹							
		2100	842	873	925	950 ¹							
1200	x	1900	862	893	945	970 ¹							
		2000	862	893	945	970 ¹							
		2100	935	966	1018	1043 ¹							
Special sizes 0.6 mm sheet thickness, thick rebate						Indicate handing							
from 510	x	1505					from 510	x	1505				
up to 1010	x	2005	973	1004	1056	1081	up to 1010	x	2005	1236	1267	1319	1344
		2130	1304	1335	1387	1412			2130	1375	1406	1458	1483
up to 1135	x	2130	1304	1335	1387	1412 ¹	up to 1135	x	2130	1375	1406	1458	1483 ¹
up to 1260	x	2255	1581	1612	1664	1689 ¹	up to 1260	x	2255	1636	1667	1719	1744 ¹

¹ Not available in Light Oak, White Ash or Beech

□ Special sizes

Reinforced internal doors

Door set OIT 40-2

Structural wall opening (LW)



Product ID OIT 40

► See the respective national product data sheet for a detailed product description

C

Standard fittings for door leaf (including preparation at the factory)

Surcharge €



Lever handle set D-110, short escutcheon PC, black plastic ppn

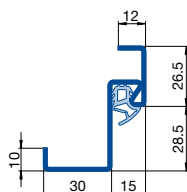
7

Further lever handle sets

See from page 105

D

Frames



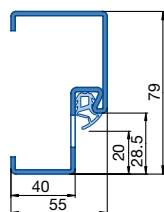
Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Sound-absorbing seal on 3 sides (included)
- Marked at 1 m height, with welded-on V1000-01 WF series frame parts
- 6 welded-on wall grouting lugs

Consisting of

	€
Corner frame	160
Seal	2 units Unit price 5 10

IMPORTANT! Frames over 2200 mm in the structural opening (width) only available in galvanized version.

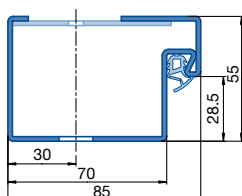


Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8000 WF series hinges (including frame parts)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

	€
Reveal frame profile 21101	503
Seal	2 units Unit price 5 10
Hinge V8000 WF, galvanized	4 units Unit price 4 16



Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8000 WF series hinges (including frame parts)
- With 6 welded-on dowel brackets behind the frame overlap (3 units / side)
- For plug-and-screw fitting through the frame depth

Consisting of

	€
Add-on frame profile 006	526
Seal	2 units Unit price 5 10
Hinge V8000 WF, galvanized	4 units Unit price 4 16

Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)

E

Surfaces / accessories

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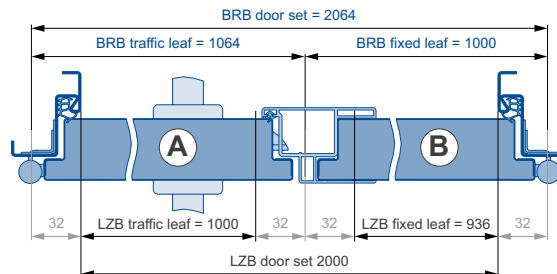
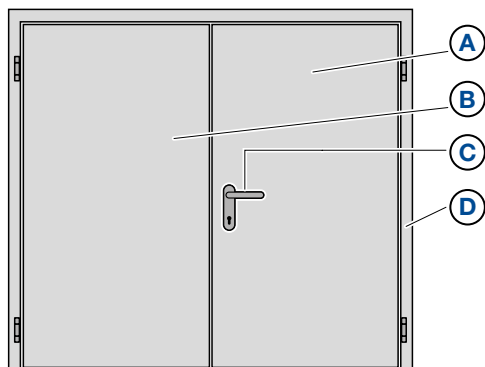


Clear frame dimensions (LZ)

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert,
Mortise lock, black lever handle set, 3-part hinges WF with securing pin

► See the respective national product data sheet for a detailed product description

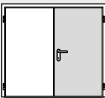
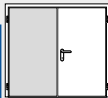


	Door set	Traffic leaf (A)	Fixed leaf (B)
Nominal size	2064	= 1064	+ 1000
Clear frame dimension	2000	1000	936

Ordering size	Division (standard width)	
Door set	Traffic leaf	Fixed leaf
1200	600	536
1400	700	636
1600	800	736
1800	900	836
2000	1000	936

Door set price =

- (A) Door leaf (traffic leaf)
 + (B) Fixed leaf
 + (C) Fitting
 + (D) Frame + seal + leaf parts of hinge
 + (E) Accessories / additional functions

A Clear frame dimension Width x height  Door leaf (traffic leaf) GalvanizedTraffic whitePreferred coloursDecograin							B Clear frame dimension Width x height  Fixed leaf GalvanizedTraffic whitePreferred coloursDecograin						
Standard sizes 0.6 mm sheet thickness, thick rebate													
						Indicate handing							
600	x	1970	547	578	630	655	436	x	2000	784	815	867	892
		2000	547	578	630	655			2100	1053	1084	1136	1161
		2100	655	686	738	763	536	x	2000	784	815	867	892
700	x	1970	547	578	630	655			2100	1053	1084	1136	1161
		2000	547	578	630	655	636	x	2000	784	815	867	892
		2100	655	686	738	763	636	x	2100	1053	1084	1136	1161
800	x	1850	547	578	630	655							
		1970	547	578	630	655	736	x	1970	784	815	867	892
		1980	547	578	630	655							
		2000	547	578	630	655	736	x	2000	784	815	867	892
		2100	655	686	738	763	736	x	2100	1053	1084	1136	1161
850	x	2000	648	679	731	756							
		2100	747	778	830	855							
900	x	1850	648	679	731	756							
		1970	648	679	731	756	836	x	1970	784	815	867	892
		1980	648	679	731	756							
		2000	648	679	731	756	836	x	2000	784	815	867	892
		2100	747	778	830	855	836	x	2100	1053	1084	1136	1161
1000	x	1850	756	787	839	864							
		1970	756	787	839	864	936	x	1970	784	815	867	892
		1980	756	787	839	864							
		2000	756	787	839	864	936	x	2000	784	815	867	892
		2100	842	873	925	950	936	x	2100	1053	1084	1136	1161
1100	x	1980	862	893	945	970 ¹							
		2100	935	966	1018	1043 ¹							
1150	x	2100	935	966	1018	1043 ¹							
1186	x	2100	1030	1061	1113	1138 ¹							

Reinforced internal doors

Door set OIT 40-2

Clear frame dimensions (LZ)



CH - I - PL

Product ID OIT 40

► See the respective national product data sheet for a detailed product description

A					B						
Clear frame dimension		Door leaf (traffic leaf)			Clear frame dimension		Fixed leaf				
Width x height		Galvanized	Traffic white	Preferred colours	Decograin	Width x height		Galvanized	Traffic white	Preferred colours	Decograin
Special sizes 0.6 mm sheet thickness, thick rebate											
from 436	x 1468					from 436	x 1468				
up to 936	x 1968	973	1004	1056	1081	up to 936	x 1968	1236	1267	1319	1344
	2093	1304	1335	1387	1412		2093	1375	1406	1458	1483
up to 1061	x 2093	1304	1335	1387	1412 ¹	up to 1061	x 2093	1375	1406	1458	1483 ¹
up to 1186	x 2218	1581	1612	1664	1689 ¹	up to 1186	x 2218	1636	1667	1719	1744 ¹

¹ Not available in Light Oak, White Ash or Beech

☐ Special sizes

C	Standard fittings for door leaf (including preparation at the factory)	Surcharge €
	Lever handle set D-110, short escutcheon PC, black plastic ppn	7

Further lever handle sets

See from page 105

D

Frames

Corner frame

- Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess
- Powder-coated primer Traffic white (based on RAL 9016)
- Sound-absorbing seal on 3 sides (included)
- Marked at 1 m height, with welded-on V1000-01 WF series frame parts
- 6 welded-on wall grouting lugs

Consisting of

Corner frame			€
			160
Seal	2 units	Unit price	5
			10

IMPORTANT! Frames over 2200 mm in the structural opening (width) only available in galvanized version.

Reveal frame profile 21101

- Reveal frame to screw or clamp, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8000 WF series hinges (including frame parts)
- For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side)

Consisting of

Reveal frame profile 21101			€
			503
Seal	2 units	Unit price	5
			10
Hinge V8000 WF, galvanized	4 units	Unit price	4
			16

Add-on frame profile 006

- Welded add-on frame, 1.5 mm thick, without floor recess
- Galvanized and primed Light grey (based on RAL 7035)
- Sound-absorbing seal on 3 sides (included)
- Prepared for V8000 WF series hinges (including frame parts)
- With 6 welded-on dowel brackets behind the frame overlap (3 units / side)
- For plug-and-screw fitting through the frame depth

Consisting of

Add-on frame profile 006			€
			526
Seal	2 units	Unit price	5
			10
Hinge V8000 WF, galvanized	4 units	Unit price	4
			16

Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)

E	Surfaces / accessories
	Surfaces
	Glazing cut-outs
	Optional extras

Reinforced internal doors

Door set OIT 40-2



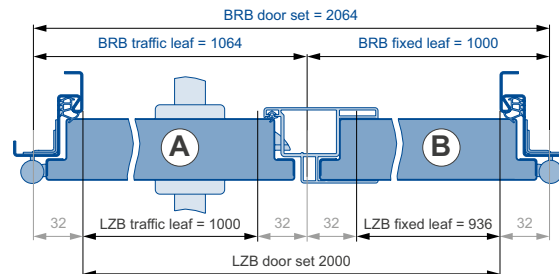
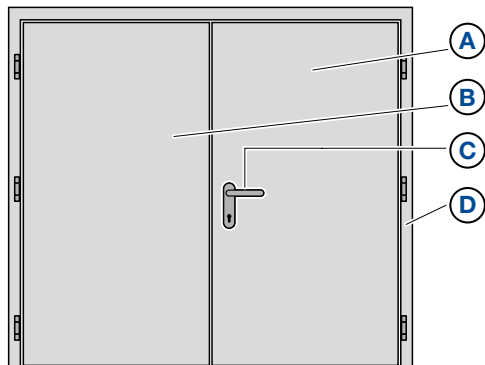
Clear frame dimensions (LZ)

Product ID OIT 40

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert

Mortise lock, black lever handle set, 3-part hinges WF with securing pin (3 × hinges)

► See the respective national product data sheet for a detailed product description



	Door set	Traffic leaf (A)	Fixed leaf (B)
Nominal size	2064	= 1064	+ 1000
Clear frame dimension	2000	1000	936

Ordering size	Division (standard width)	
Door set	Traffic leaf	Fixed leaf
1200	600	536
1400	700	636
1600	800	736
1800	900	836
2000	1000	936

Door set price =

- Ⓐ Door leaf (traffic leaf)
- + Ⓑ Fixed leaf
- + Ⓒ Fitting
- + Ⓓ Frame + seal + leaf parts of hinge
- + Ⓔ Accessories / additional functions

A Clear frame dimension Width x height					Door leaf (traffic leaf) Galvanized Traffic white Preferred colours Decograin					B Clear frame dimension Width x height					Fixed leaf Galvanized Traffic white Preferred colours Decograin													
Standard sizes 0.6 mm sheet thickness, thick rebate															Indicate handing													
										436 x 2000		784		815		867		892										
												1053		1084		1136		1161										
600	x	1970	547	578	630	655			536 x 2000		784		815		867		892											
		2000	547	578	630	655					1053		1084		1136		1161											
		2100	655	686	738	763																						
700	x	1970	547	578	630	655			636 x 2000		784		815		867		892											
		2000	547	578	630	655					1053		1084		1136		1161											
		2100	655	686	738	763																						
800	x	1850	547	578	630	655			736 x 1970		784		815		867		892											
		1970	547	578	630	655																						
		1980	547	578	630	655																						
		2000	547	578	630	655					736 x 2000		784		815		867		892									
		2100	655	686	738	763					736 x 2100		1053		1084		1136		1161									
850	x	2000	648	679	731	756																						
		2100	747	778	830	855																						
900	x	1850	648	679	731	756					836 x 1970		784		815		867		892									
		1970	648	679	731	756																						
		1980	648	679	731	756																						
		2000	648	679	731	756	836 x 2000		784												815		867		892			
		2100	747	778	830	855	836 x 2100		1053												1084		1136		1161			
1000	x	1850	756	787	839	864																						
		1970	756	787	839	864													936 x 1970		784		815		867		892	
		1980	756	787	839	864																						
		2000	756	787	839	864													936 x 2000		784		815		867		892	
		2100	842	873	925	950													936 x 2100		1053		1084		1136		1161	
1100	x	1980	862	893	945	970 ¹																						
		2100	935	966	1018	1043 ¹																						
1150	x	2100	935	966	1018	1043 ¹																						
1186	x	2100	1030	1061	1113	1138 ¹																						

Reinforced internal doors

Door set OIT 40-2

Clear frame dimensions (LZ)



CZ – SK

Product ID OIT 40

► See the respective national product data sheet for a detailed product description

A					B						
Clear frame dimension		Door leaf (traffic leaf)			Clear frame dimension		Fixed leaf				
Width x height		Galvanized	Traffic white	Preferred colours	Decograin	Width x height		Galvanized	Traffic white	Preferred colours	Decograin
Special sizes 0.6 mm sheet thickness, thick rebate											
from 436	x 1468					from 436	x 1468				
up to 936	x 1968	973	1004	1056	1081	up to 936	x 1968	1236	1267	1319	1344
	2093	1304	1335	1387	1412		2093	1375	1406	1458	1483
up to 1061	x 2093	1304	1335	1387	1412 ¹	up to 1061	x 2093	1375	1406	1458	1483 ¹
up to 1186	x 2218	1581	1612	1664	1689 ¹	up to 1186	x 2218	1636	1667	1719	1744 ¹

¹ Not available in Light Oak, White Ash or Beech

* Hardened hinges

☐ Special sizes

C		Standard fittings for door leaf (including preparation at the factory)	Surcharge €
		Lever handle set D-110, short escutcheon PC, black plastic ppn	7

Further lever handle sets

See from page 105

D		Frames																																							
		Corner frame - Corner frame to screw or clamp, 1.5 mm thick, galvanized, 30 mm floor recess - Powder-coated primer Traffic white (based on RAL 9016) - Sound-absorbing seal on 3 sides (included) - Marked at 1 m height, with welded-on V1000-01 WF series frame parts 6 welded-on wall grouting lugs Consisting of <table> <tr> <td>Corner frame</td><td></td><td>160</td></tr> <tr> <td>Seal</td><td>2 units</td><td>Unit price 5</td></tr> <tr> <td></td><td></td><td>10</td></tr> </table> IMPORTANT! Frames over 2200 mm in the structural opening (width) only available in galvanized version. Reveal frame profile 21101 - Reveal frame to screw or clamp, 1.5 mm thick, without floor recess - Galvanized and primed Light grey (based on RAL 7035) - Sound-absorbing seal on 3 sides (included) - Prepared for V8000 WF series hinges (including frame parts) - For plug-and-screw fitting through the frame rebate, with 6 dowel brackets behind the frame overlap (3 units / side) Consisting of <table> <tr> <td>Reveal frame profile 21101</td><td></td><td>503</td></tr> <tr> <td>Seal</td><td>2 units</td><td>Unit price 5</td></tr> <tr> <td></td><td></td><td>10</td></tr> <tr> <td>Hinge V8000 WF, galvanized</td><td>6 units</td><td>Unit price 4</td></tr> <tr> <td></td><td></td><td>24</td></tr> </table> Add-on frame profile 006 - Welded add-on frame, 1.5 mm thick, without floor recess - Galvanized and primed Light grey (based on RAL 7035) - Sound-absorbing seal on 3 sides (included) - Prepared for V8000 WF series hinges (including frame parts) - With 6 welded-on dowel brackets behind the frame overlap (3 units / side) - For plug-and-screw fitting through the frame depth Consisting of <table> <tr> <td>Add-on frame profile 006</td><td></td><td>526</td></tr> <tr> <td>Seal</td><td>2 units</td><td>Unit price 5</td></tr> <tr> <td></td><td></td><td>10</td></tr> <tr> <td>Hinge V8000 WF, galvanized</td><td>6 units</td><td>Unit price 4</td></tr> <tr> <td></td><td></td><td>24</td></tr> </table> Important! Powder-coated in Color or RAL of your choice possible up to nominal size width of 1106 mm)	Corner frame		160	Seal	2 units	Unit price 5			10	Reveal frame profile 21101		503	Seal	2 units	Unit price 5			10	Hinge V8000 WF, galvanized	6 units	Unit price 4			24	Add-on frame profile 006		526	Seal	2 units	Unit price 5			10	Hinge V8000 WF, galvanized	6 units	Unit price 4			24
Corner frame		160																																							
Seal	2 units	Unit price 5																																							
		10																																							
Reveal frame profile 21101		503																																							
Seal	2 units	Unit price 5																																							
		10																																							
Hinge V8000 WF, galvanized	6 units	Unit price 4																																							
		24																																							
Add-on frame profile 006		526																																							
Seal	2 units	Unit price 5																																							
		10																																							
Hinge V8000 WF, galvanized	6 units	Unit price 4																																							
		24																																							

E		Surfaces / accessories
		Surfaces
		Glazing cut-outs
		Optional extras

Surfaces for internal doors



ZK and OIT 40				
Standard colour				
RAL 9016 Traffic white				
Colour				
- RAL 1015 Light ivory - RAL 7016 Anthracite grey - RAL 8028 Terra brown	- RAL 3003 Ruby red - RAL 7035 Light grey - RAL 9006 White aluminium	- RAL 5014 Pigeon blue - RAL 7040 Window grey	- RAL 6005 Moss green - RAL 8003 Clay brown	
Decograin (matching Color for frame)				
- Beech (RAL 1001) - Golden Oak (RAL 8003)	- Dark Oak (RAL 8011) - Night Oak (RAL 8017)	- Light Oak (RAL 1011) - Winchester Oak (RAL 1011)	White Ash (RAL 9016)	
RAL of your choice			Surcharge for galvanized version	
RAL of your choice	Door leaf / fixed leaf	1 – 10 door leaves	Per door leaf	193
		11 – 20 door leaves	Per door leaf	174
		21 – 50 door leaves	Per door leaf	163
		Over 50 door leaves	Per door leaf	On request
	Frame for single-leaf doors	1 – 10 frames	Per frame	115
		11 – 20 frames	Per frame	108
		21 – 50 frames	Per frame	95
		Over 50 frames	Per frame	On request
	Frame for double-leaf doors	1 – 10 frames	Per frame	135
		11 – 20 frames	Per frame	124
		21 – 50 frames	Per frame	116
		Over 50 frames	Per frame	On request

Brandis factory – security doors

Contents

Brandis factory – security doors	
Technical overview / product description	Page
KSI 40	90
KSI Thermo46	91
Product description	92
KSI 40 – the low-cost 40 mm security door in RC 2	Page
Single-leaf	
Nominal size	93
Clear frame dimension	95
Structural opening	94
Additional frame type	96
KSI Thermo 46 – the 46 mm security door with thermal break in RC2 with aluminium frame	Page
Single-leaf	
Nominal size (overall frame dimension)	97
SI-F – the low-cost 40 mm security door for France	Page
Single-leaf	
Clear frame dimension	98
Structural opening	99
Optional extras for security doors	From page 105
Product data sheets for security doors	From page 156

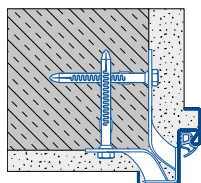
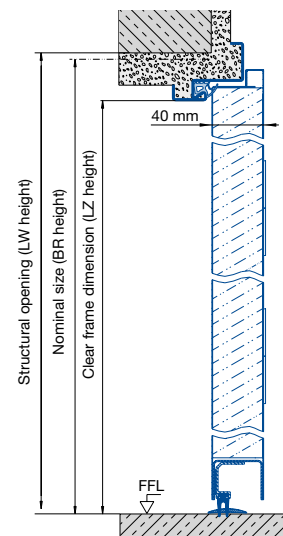
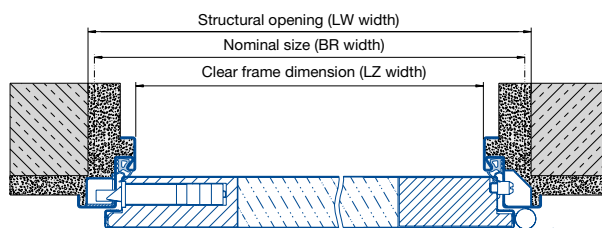
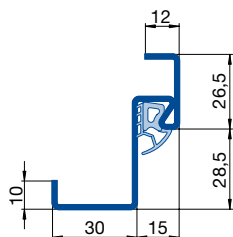
Security door KSI 40-1



The low-cost 40 mm security door with mineral wool insert, sheet thickness: 0.6–0.8 mm (door leaf), 1.5 mm (corner frame) / 2.0 mm (reveal and add-on frame), U-value (with corner frame) up to 1.7 W/(m²·K)

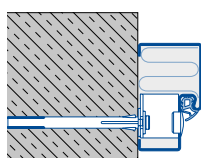
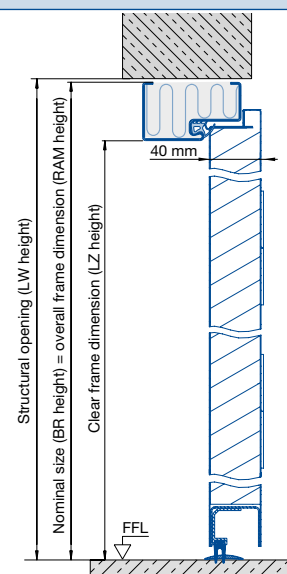
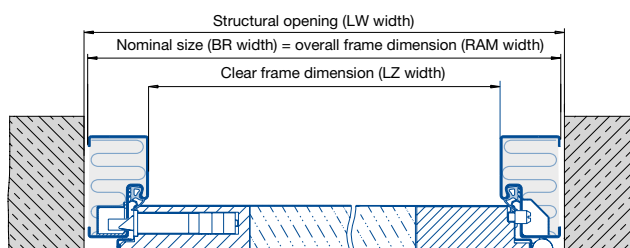
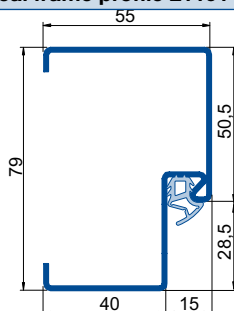
Subject to changes

Corner frame – attack side = opening and closing side



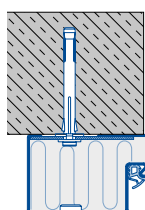
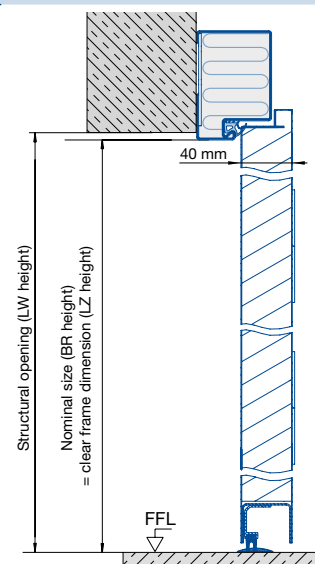
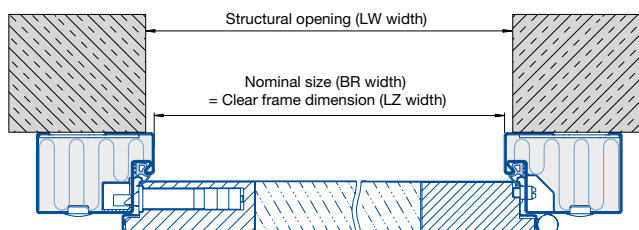
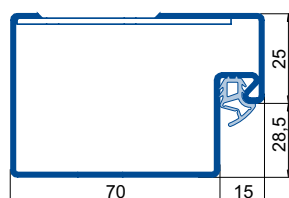
With anchor (plug-and-screw fitting)

Reveal frame profile 21101 – attack side = opening and closing side



Plug-and-screw fitting

Add-on frame profile 006



Plug-and-screw fitting

Security door KSI Thermo 46

Aluminium frame with thermal break (profile A2)

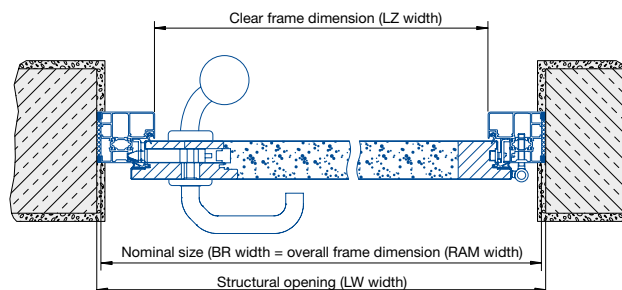
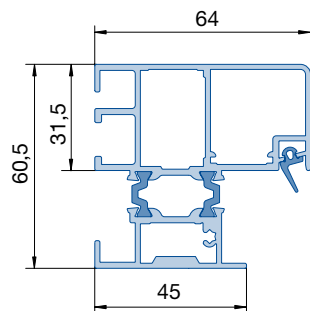
The 46 mm security door with PU rigid foam infill and aluminium frame with thermal break, Sheet thickness: 0.6 – 0.8 mm (door leaf)

U-value of up to 1.1 W/(m² K)



Subject to changes

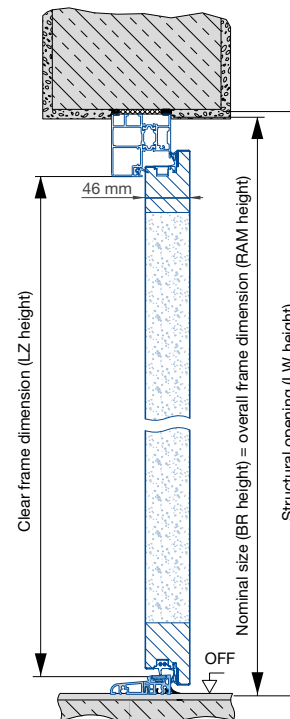
Fitting dimensions



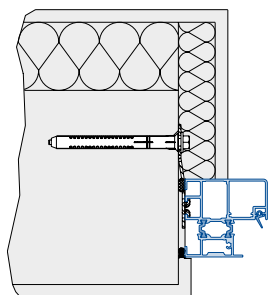
Nominal size (ordering size)

Clear frame dimension	BR width – 128 mm	BR height – 84 mm
Structural opening	BR width + 20 mm	BR height + 10 mm

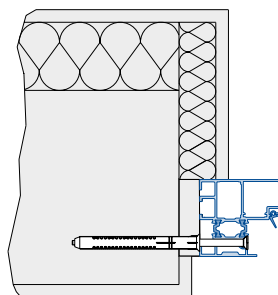
Attack side = closing side (opposite hinge side)



Fitting method

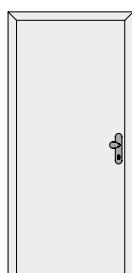


Fitting with screw-in anchor
(Plug-and-screw fitting)



Through-bolt fixing
(drill holes on-site)

Front view



KSI Thermo46



Security door KSI 40-1		Security door with thermal break KSI Thermo46	Security door SI-F (France)
Performance characteristics			
Fire protection	-	-	-
Safety	RC 2	RC 2	-
Acoustic insulation, standard value in dB (corner frame, solid door leaf)	31–32	29	-
Transmission of heat $U_D = W/(m^2 \cdot K)$	1,7	1,1	-
Product characteristics as standard			
Number of leaves			
Handing	LH hinged or RH hinged	LH hinged or RH hinged	LH hinged or RH hinged
Leaf thickness in mm			
Door leaf sheet thickness in mm	0.8 (0.6 for Decograin)	0.8 (0.6 for Decograin)	0.8 (0.6 for Decograin)
Frame sheet thickness in mm	1.5 (corner frame, profile frame) 2.0 (reveal and add-on frame)	Aluminium frame with thermal break	1,5
Rebate	Thick rebate, 3 sides	Thick rebate, 4 sides	Thick rebate, 3 sides
Inlay	Mineral wool	PU-foam	Mineral wool
Lock	Multiple-point locking, prepared for profile cylinder with 2 additional bolts	Multiple-point lock with main lock and 2 bolts, swing / hook bolts	Multiple-point locking, lever-operated, prepared for profile cylinder with 2 additional bolts
Lever handle set	Aluminium lever / knob handle set ES1 with short escutcheon for profile cylinder	Stainless steel lever / knob handle set ES1 with long escutcheon for profile cylinder	Lever handle set, black, with short escutcheon, for profile cylinder
Hinge	for corner frame	2 galvanized three-part hinges WF with securing pin	-
	for reveal and add-on frame	2 galvanized three-part hinges WF with securing pin	3 two-part guide rollers, three-way adjustable
Security bolts	1 units	3 units	1 units
Seal	Door leaf	Lip seal	4-sided
	Frame (standard)	3-sided	3-sided
Frame	• Corner frame • Profile frame • Reveal frame profile 21101 • Add-on frame profile 006		• Corner frame • Reveal frame profile 21101 • Add-on frame profile 006
Frame with thermal break		• Aluminium frame with thermal break, profile A2, for fitting in the reveal	
Surface	Door leaf	RAL 9016	RAL 9016
	Corner frame	RAL 9016	-
	Reveal and add-on frame	RAL 7035	RAL 9016

Security doors

Door set KSI 40-1

Nominal size (BRM)

RC 2

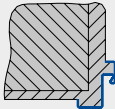
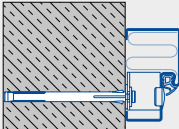
40



Product ID KSI

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert,
Multiple-point locking, aluminium security lever / knob handle set ES1, 3-part hinges WF with securing pin, 1 security bolt

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Nominal size		 With corner frame (RAL 9016)				 With reveal frame profile 21101 (RAL 7035) Nominal size (ordering size) = overall frame dimension															
			Structural opening Width × height BRB + 10 × BRH + 5	RAL 9016	Preferred colours	Decograin	Structural opening Width × height BRB + 10 × BRH + 5	RAL 9016	Preferred colours	Decograin												
Standard sizes 0.8 mm sheet thickness, thick rebate																						
KSI 40-1	750 ×	1875	760 ×	1880	1028	1080	1106	760 ×	1880	1333	1385	1411										
		2000		2005	1028	1080	1106		2005	1333	1385	1411										
		2125		2130	1153	1205	1231		2130	1458	1510	1536										
	875 ×	1875	885 ×	1880	1028	1080	1106	885 ×	1880	1333	1385	1411										
		2000		2005	1028	1080	1106		2005	1333	1385	1411										
		2125		2130	1153	1205	1231		2130	1458	1510	1536										
	1000 ×	1875	1010 ×	1880	1102	1154	1180	1010 ×	1880	1407	1459	1485										
		2000		2005	1102	1154	1180		2005	1407	1459	1485										
		2125		2130	1229	1281	1307		2130	1534	1586	1612										
Special sizes 0.8 mm sheet thickness, thick rebate																						
KSI 40-1	from 625 × up to 1000 ×	1700	from 635 × up to 1010 ×	1705	1337	1389	1415															
		2000		2005								1604	1656	1682								
		2125		2130								1628	1680	1906								
	up to 1250 × up to 1046 ×	2250	up to 1260 ×	2255	1828	1880																
		from 671 ×																				
		2023																				
	up to 1296 ×	2148	up to 1306 ×	2278			2133	2185	2211													
2273		2153		1909			1961	1987														

► Door leaf foil-coated with Decograin (can be used up to BR width 1000 mm): Light Oak, White Ash, Winchester Oak

► Light Oak, Beech and White Ash are not suitable for outdoor use!

* Notice:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Surfaces / accessories	Page
Surfaces	Page 100
Optional extras	Page 105 – 117



Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert,
Multiple-point locking, aluminium security lever / knob handle set ES1, 3-part hinges WF with securing pin, 1 security bolt

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Structural opening											
		With corner frame (RAL 9016)				With reveal frame profile 21101 (RAL 7035)						
		Clear frame dimension Width x height LWB-74 x LWH-37	RAL 9016	Preferred colours	Decograin	Clear frame dimension Width x height LWB-120 x LWH-60	RAL 9016	Preferred colours	Decograin			
Standard sizes 0.8 mm sheet thickness, thick rebate												
KSI 40-1	700 x 2000	626 x 1963	1028	1080	1106	580 x 1940	1333	1385	1411			
		2100 2063	1153	1205	1231		1458	1510	1536			
	800 x 2000	726 x 1963	1028	1080	1106	680 x 1940	1333	1385	1411			
		2100 2063	1153	1205	1231		1458	1510	1536			
	900 x 2000	826 x 1963	1102	1154	1180	780 x 1940	1407	1459	1485			
		2100 2063	1229	1281	1307		1534	1586	1612			
	1000 x 2000	926 x 1963	1102	1154	1180	880 x 1940	1407	1459	1485			
		2100 2063	1229	1281	1307		1534	1586	1612			
Special sizes 0.8 mm sheet thickness, thick rebate												
KSI 40-1	from 635 x 1705 up to 1010 x 2005	from 561 x 1668 up to 936 x 1968	1337	1389	1415	from 561 x 1668 up to 936 x 1968	1642	1694	1720			
		2130 2093								1604	1656	1682
	up to 1260 x 2255	up to 1168 x 2218	1828	1880	1906	up to 1186 x 2218	2133	2185	2211			
	from 681 x 1728 up to 1056 x 2028											
	2153											
	up to 1306 x 2278											

► Door leaf foil-coated with Decograin (can be used up to BR width 1000 mm): Light Oak, White Ash, Winchester Oak

► Light Oak, Beech and White Ash are not suitable for outdoor use!

*** Notice:**

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Surfaces / accessories	Page
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Security doors

Door set KSI 40-1

Clear frame dimensions (LZ)

RC 2

40

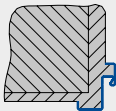
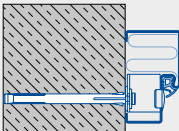


CH – CZ – I – SK

Product ID KSI

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert,
Multiple-point locking, aluminium security lever / knob handle set ES1, 3-part hinges WF with securing pin, 1 security bolt

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Clear frame dimension Width × height	 With corner frame (RAL 9016)					 With reveal frame profile 21101 (RAL 7035)					
		Structural opening Width × height LZB + 74 × LZH + 37	RAL 9016	Preferred colours	Decograin	Structural opening Width × height LZB + 120 × LZH + 60	RAL 9016	Preferred colours	Decograin			
		Standard sizes 0.8 mm sheet thickness, thick rebate										
KSI 40-1	600 ×	1850	674 × 1887	1028	1080	1106	720 ×	1910	1333	1385	1411	
		1970	2007	1028	1080	1106		2030	1333	1385	1411	
		2000	2037	1028	1080	1106		2060	1333	1385	1411	
		2100	2137	1153	1205	1231		2160	1458	1510	1536	
	700 ×	1850	774 × 1887	1028	1080	1106	820 ×	1910	1333	1385	1411	
		1970	2007	1028	1080	1106		2030	1333	1385	1411	
		2000	2037	1028	1080	1106		2060	1333	1385	1411	
		2100	2137	1153	1205	1231		2160	1458	1510	1536	
	800 ×	1850	874 × 1887	1028	1080	1106	920 ×	1910	1333	1385	1411	
		1970	2007	1028	1080	1106		2030	1333	1385	1411	
		1980	2017	1028	1080	1106		2040	1333	1385	1411	
		2000	2037	1028	1080	1106		2060	1333	1385	1411	
		2100	2137	1153	1205	1231		2160	1458	1510	1536	
	900 ×	1850	974 × 1887	1102	1154	1180	1020 ×	1910	1407	1459	1485	
		1970	2007	1102	1154	1180		2030	1407	1459	1485	
		1980	2017	1102	1154	1180		2040	1407	1459	1485	
		2000	2037	1102	1154	1180		2060	1407	1459	1485	
		2100	2137	1229	1281	1307		2160	1534	1586	1612	
	1000 ×	1850	1074 × 1887	1102	1154	1180	1120 ×	1910	1407	1459	1485	
		1970	2007	1102	1154	1180		2030	1407	1459	1485	
		1980	2017	1102	1154	1180		2040	1407	1459	1485	
		2000	2037	1102	1154	1180		2060	1407	1459	1485	
		2100	2137	1229	1281	1307		2160	1534	1586	1612	
	1100 ×	1980	1174 × 2017	1102	1154	1180	1220 ×	2040	1407	1459	1485	
		2100	2137	1229	1281	1307		2160	1534	1586	1612	
Special sizes 0.8 mm sheet thickness, thick rebate												
KSI 40-1	from 561 ×	1668	from 635 ×	1705	1337	1389	1415	from 681 ×	1728	1642	1694	1720
	up to 936 ×	1968	up to 1010 ×	2005				up to 1056 ×	2028			
		2093		2130	1604	1656	1682		2153	1909	1961	1987
		up to 1186 ×	2218	up to 1260 ×	2255	1828	1880	1906	up to 1306 ×	2278	2133	2185

► Door leaf foil-coated with Decograin (can be used up to BR width 1000 mm): Light Oak, White Ash, Winchester Oak

► Light Oak, Beech and White Ash are not suitable for outdoor use!

* Notice:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

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Additional frame types

For security doors KSI 40-1

RC 2



Profile frame, single-shell

Profile 21100, primed in Light grey, similar to RAL 7035

Surcharge for corner frame

	Ordering size (Nominal size)	from wall width 115 mm up to wall width 145 mm	up to wall width 205 mm	up to wall width 270 mm	up to wall width 330 mm	up to wall width 430 mm	up to wall width 500 mm	up to wall width 600 mm
	up to 1125 × 2125	232	261	303	341	462	547	577
	up to 1250 × 2250	249	276	317	358	484	568	603

- Attack side: opening and closing side (hinge and opposite hinge side)!

Profile frame, double-shell

Profile 21168 with adjustable wall width, primed in Light grey, similar to RAL 7035

Surcharge for corner frame

	Ordering size (Nominal size)	from wall width 115 mm up to wall width 145 mm	up to wall width 205 mm	up to wall width 270 mm	up to wall width 330 mm	up to wall width 430 mm	up to wall width 450 mm	
	up to 1125 × 2125	395	426	470	508	627	713	
	up to 1250 × 2250	409	443	483	519	648	729	

- Attack side: opening and closing side (hinge and opposite hinge side)!
- Frame in RAL of your choice up to wall width 230 mm

Profile 21180, primed in Light grey, similar to RAL 7035

Surcharge for corner frame

	Ordering size (Nominal size)	from wall width 115 mm up to wall width 145 mm	up to wall width 205 mm	up to wall width 270 mm	up to wall width 330 mm	up to wall width 430 mm	up to wall width 450 mm	
	up to 1125 × 2125	420	448	488	529	650	736	
	up to 1250 × 2250	433	463	502	542	667	751	

- Attack side: opening and closing side (hinge and opposite hinge side)!

Add-on frame

Add-on frame profile 006, primed in Light grey, similar to RAL 7035

Surcharge for corner frame

	Ordering size (Nominal size)	
	from 561 × 1668 up to 1186* × 2218	422
	• Nominal size (ordering size) = clear frame dimensions • Attack side: closing side (opposite hinge side)!	

* Frame powder-coated in Color possible up to nominal size width of 1106 mm.

Security doors

Door set KSI Thermo 46

With thermal break

RC 2

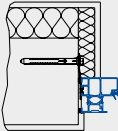


Product ID KSIT

Nominal size (BRM) = overall frame dimension

Door set with thermal break, door leaf thickness 46 mm, sheet thickness 0.6 – 0.8 mm, thick rebate, rebated on 4 sides, PU-foam infill, multiple-point locking, Stainless steel security lever / knob handle set ES1, long escutcheon, 3 two-part guide rollers, three-way adjustable, 3 security bolts

► See the respective national product data sheet for a detailed product description

Door type	Overall frame dimension (Nominal size)	Structural opening						
	Width × height	Width × height BRB + 20 × BRH + 10	RAL 9016	Door set with aluminium block frame (profile A2) MatchColor	Colour	Matt deluxe	Decograin	
Standard sizes, thick rebate								
KSI Thermo 46	875 × 2000	895 × 2010	1468	1606	1606	1713	1745	
			1468	1606	1606	1713	1745	
	1000 × 2000	1020 × 2010	1532	1670	1670	1777	1809	
			1532	1670	1670	1777	1809	
			1532	1670	1670	1777	1809	
	1100 × 2100	1120 × 2110	1532	1670	1670	1777	1809	
	1150 × 2200	1170 × 2210	1532	1670	1670	1777	1809	
	Special sizes, thick rebate							
KSI Thermo 46	from 832 × 1875	from 895 × 1885						
	up to 1250 × 2250	up to 1270 × 2260	1963	2101	2101	2208	2240	

Notice:

Attack side = closing side (opposite hinge side)!

Notice:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Surfaces / accessories

Surfaces

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Security doors

Door set Si-F (France)

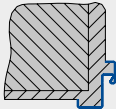
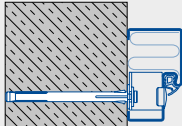


Clear frame dimensions (LZ)

Product ID KSI

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, packaged in shrink wrap, Lever-operated multiple-point locking, black lever handle set, 3-part hinges WF with securing pin, rain canopy

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Clear frame dimension											
			With corner frame (RAL 9016)				With reveal frame profile 21101 (RAL 9016)					
	Width x height		Structural opening Width x height LZB + 74 x LZH + 37	RAL 9016	Preferred colours	Decograin	Structural opening Width x height LZB + 120 x LZH + 60	RAL 9016	Preferred colours	Decograin		
Standard sizes 0.8 mm sheet thickness, thick rebate												
SI-F	800	2025	874	2062	1065	1117	1143	920	2085	1370	1422	1448
		2100		2137	1190	1242	1268		2160	1495	1547	1573
	900	2025	974	2062	1139	1191	1217	1020	2085	1444	1496	1522
		2100		2137	1266	1318	1344		2160	1571	1623	1649
	1000	2025	1074	2062	1139	1191	1217	1120	2085	1444	1496	1522
		2100		2137	1266	1318	1344		2160	1571	1623	1649
Special sizes 0.8 mm sheet thickness, thick rebate												
SI-F	from 561	1668	from 635	1705			from 681	1728				
	up to 936	1968	up to 1010	2005	1374	1426	1452	up to 1056	2028	1679	1731	1757
		2093		2130	1641	1693	1719		2153	1946	1998	2024
	up to 1186	2218	up to 1260	2255	1865	1917	1943	up to 1306	2278	2170	2222	2248

► Door leaf foil-coated with Decograin (can be used up to BR width 1000 mm): Light Oak, White Ash, Winchester Oak

► Light Oak, Beech and White Ash are not suitable for outdoor use!

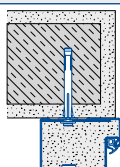
* Notice:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Add-on frame

Add-on frame profile 006, primed in Traffic white, similar to RAL 9016

Surcharge for corner frame



Ordering size
(Nominal size)

from 561 × 1668
up to 1186* × 2218

402

- Nominal size (ordering size) = clear frame dimensions
- Attack side: closing side (opposite hinge side)!

Surfaces / accessories

Surfaces

Optional extras

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Security doors

Door set Si-F (France)

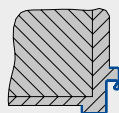
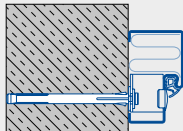
Structural wall opening (LW)



Product ID KSI

Door leaf thickness 40 mm, sheet thickness 0.8 mm, thick rebate, rebated on 3 sides, mineral wool insert, packaged in shrink wrap, Lever-operated multiple-point locking, black lever handle set, 3-part hinges WF with securing pin, rain canopy

► See the respective national product data sheet for a detailed product description (scope of approval)

Door type	Structural opening	 With corner frame (RAL 9016)				 With reveal frame profile 21101 (RAL 9016)												
		Width x height	Clear frame dimension Width x height LWB-74 x LWH-37	RAL 9016	Preferred colours	Decograin	Clear frame dimension Width x height LWB-120 x LWH-60	RAL 9016	Preferred colours	Decograin								
Standard sizes 0.8 mm sheet thickness, thick rebate																		
SI-F	800	x	2000	726	x	1963	1065	1117	1143	680	x	1940	1370	1422	1448			
			2150			2113	1190	1242	1268			2090	1495	1547	1573			
	900	x	2000	826	x	1963	1139	1191	1217		780	x	1940	1444	1496	1522		
			2150			2113	1266	1318	1344				2090	1571	1623	1649		
Special sizes 0.8 mm sheet thickness, thick rebate																		
SI-F	from 635		x	1705	from 561		x	1668	1374	1426	1452							
	up to 1010		x	2005	up to 936		x	1968										
				2130				2093										
	up to 1260		x	2255	up to 1186		x	2218	1865	1917	1943							
	from 681		x	1728								from 561		x	1668			
	up to 1056		x	2028								up to 936		x	1968			
			2153										2093					
up to 1306		x	2278					up to 1186				x	2218					
														1679	1731	1757		
														1946	1998	2024		
													2170	2222	2248			

► Door leaf foil-coated with Decograin (can be used up to BR width 1000 mm): Light Oak, White Ash, Winchester Oak

► Light Oak, Beech and White Ash are not suitable for outdoor use!

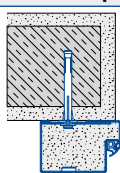
* Notice:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Add-on frame

Add-on frame profile 006, primed in Traffic white, similar to RAL 9016

Surcharge for corner frame



Ordering size
(Nominal size)

402

- Attack side: closing side (opposite hinge side)!

Surfaces / accessories

Surfaces

Optional extras

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Surfaces for security doors



KSI 40 and Si-F

Standard colour

- RAL 9016 Traffic white

Colour

- RAL 1015 Light ivory
- RAL 3003 Ruby red
- RAL 5014 Pigeon blue
- RAL 6005 Moss green
- RAL 7016 Anthracite grey
- RAL 7035 Light grey
- RAL 7040 Window grey
- RAL 8003 Clay brown
- RAL 8028 Terra brown
- RAL 9006 White aluminium

Decograin (matching Color for frame)

- Beech (RAL 1001)
- Dark Oak (RAL 8011)
- Light Oak (RAL 1011)
- White Ash (RAL 9016)
- Golden Oak (RAL 8003)
- Night Oak (RAL 8017)
- Winchester Oak (RAL 1011)

RAL of your choice

Surcharge on RAL 9016

• RAL of your choice	Door leaf	1 – 10 door leaves	Per door leaf	163
		11 – 20 door leaves	Per door leaf	145
		21 – 50 door leaves	Per door leaf	132
		Over 50 door leaves	Per door leaf	On request
	Frame	1 – 10 frames	Per frame	115
		11 – 20 frames	Per frame	108
		21 – 50 frames	Per frame	95
		Over 50 frames	Per frame	On request

Corner frame (KSI 40 and Si-F)

- Colour

Per frame **95**

Reveal frame, add-on frame and profile frames (KSI 40 and Si-F)

- RAL 9016 (KSI 40)
- Colour

Per frame **95**

Notice:

* For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

KSI Thermo46

Standard colour (silk matt, 35 – 40%)

- RAL 9016 Traffic white

MatchColor (silk matt, 35 – 40%)

- CH 703 Anthracite metallic
- RAL 7012 Basalt grey
- RAL 7015 Slate grey
- RAL 7016 Anthracite grey
- RAL 7030 Stone grey
- RAL 7035 Light grey
- RAL 7039 Quartz grey
- RAL 7040 Window grey
- RAL 8028 Terra brown
- RAL 9005 Jet black

Colour (silk matt, 35 – 40%)

- CH 907 Grey aluminium
- RAL 1015 Light ivory
- RAL 3003 Ruby red
- RAL 5010 Gentian blue
- RAL 6005 Moss green
- RAL 6009 Fir green
- RAL 7037 Dusty grey
- RAL 9002 Grey white
- RAL 9006 White aluminium
- RAL 9007 Grey aluminium

Matt deluxe (matt, 3 – 8%)

- CH 703 Matt deluxe
- CH 7016 Matt deluxe
- CH 8028 Matt deluxe
- CH 9006 Matt deluxe
- CH 9007 Matt deluxe
- CH 9016 Matt deluxe

Decograin

- Dark Oak
- Golden Oak
- Night Oak
- Titan Metallic CH 703
- Winchester Oak

Notice:

* For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building during consultation. This will ensure trouble-free door operation.

Brandis factory – glazing cut-out / optional extras

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MZ	
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ZK / OIT 40	
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Glass

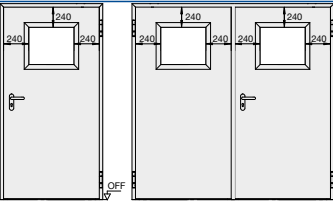
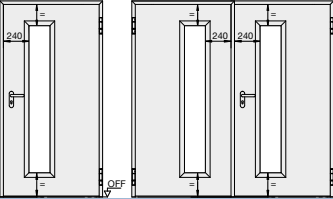
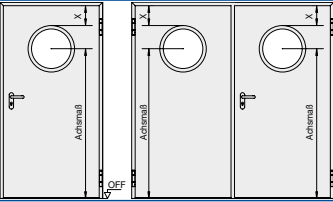
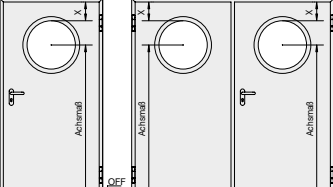
MZ, ZK and OIT 40



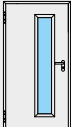
● Available - Not available		MZ	ZK / OIT
Price group 1	Wired glass	●	●
	Clear float glass	●	●
Price group 2	Master-Carré	●	●
	Wired ornamental glass	●	●
	Gothic white	-	●
	Chinchilla white	-	●
	Clear single-pane safety glass	●	●
	Laminated safety glass	●	●
	Laminated safety glass with matt plastic film	●	●
	Insulated clear glass (float + float)	●	●
	Insulated glass (laminated safety glass + float)	●	●
Price group 3	Master-Carré single-pane safety glass	●	●
	Satinato single-pane safety glass	●	●
	Insulated wired glass	●	●
	Insulated wired ornamental glass	●	●
	Insulated glass (laminated safety glass + float)	●	●
	Insulated glass (laminated safety glass + laminated safety glass)	●	●
Price group 4	Colourless acrylic Plexiglas	-	●
	Clear float glass	-	●
Price group 5	Clear single-pane safety glass	●	●
	Laminated safety glass	-	●
Price group 6	Wired glass	-	●
	Wired ornamental glass	-	●
Price group 7	Master-Carré	-	●
	Laminated safety glass with matt plastic film	-	●

For multi-purpose doors MZ (Basis H8-5)



				Minimum nominal size	Clear view	Glass dimensions	Glazing cut-out With glazing frame (without glass)	Price group 1	Glass Price group 2	Price group 3
View 5 (aluminium glazing bead)										
				Width 644 mm Height 378 mm	Clear view + 20 mm	150	91	94	229	
View 9 (aluminium glazing bead)										
				Width 659 mm Height 1750 mm	Width 230 mm Height 1360 mm	247 × 1378 mm	180	77	94	229
				Minimum nominal size	Clear view	Glass dimensions	Glazing cut-out With glazing frame (without glass)	Glass Clear single-pane safety glass		
Round glazing diameter 300 mm (brushed stainless steel glazing bead)										
				Width 670 mm	300 mm	330 mm	371	47		
Round glazing diameter 400 mm (brushed stainless steel glazing bead)										
				Width 770 mm	400 mm	430 mm	371	71		

Example calculation with / without glass

	Door set price		Glazing frame		Glass		Total price
		+		+		➔	
	BRM 875 × 2000		View 9		Float glass (price group 1)		
MZ-1 with corner frame,							
with glazing frame	596 €	+	122 €			➔	718 €
without glass							
MZ-1, corner frame,							
with glazing frame	596 €	+	122 €	+	77 €	➔	795 €
with glass							

Glazing cut-out

For internal doors ZK and OIT 40



		Minimum nominal size	Clear view	Glass dimensions	Glazing cut-out with glazing frame (without glass)	Glass			
						Price group 1	Price group 2	Price group 3	Price group 4
View 5 (aluminium glazing bead)									
		Width 615 mm	Width BRM – 425 mm Height 375 mm	Clear view + 20 mm	150	91	94	229	499
View 6 (aluminium glazing bead)									
		Width 615 mm	Width BRM – 425 mm Height 950 mm	Clear view + 20 mm	170	124	140	312	683
View 7 (aluminium glazing bead)									
		Width 615 mm	Width BRM – 425 mm Height 1305 mm	Clear view + 20 mm	195	151	174	374	822
View 8 (aluminium glazing bead)									
		Width 615 mm	Width / height BRM – 380 mm	Clear view + 20 mm	220	171	205	429	942
View 9 (aluminium glazing bead)									
		Width 665 mm	Width 230 mm Height 1360 mm	Clear view + 20 mm	180	77	94	229	499
		Minimum nominal size	Clear view	Glass dimensions	Glazing cut-out with glazing frame (without glass)	Price group 5	Glass		Price group 7
							Price group 6		
Round glazing diameter 300 mm (stainless steel glazing bead)									
		Width 676 mm	300 mm	330 mm	371	47	94	229	
Round glazing diameter 400 mm (stainless steel glazing bead)									
		Width 776 mm	400 mm	430 mm	371	71	122	298	

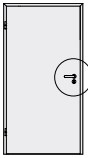
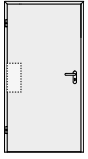
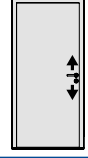
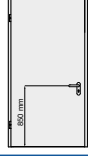
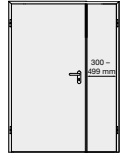
Optional extras

- Standard
- Not available

		H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
Equipment		€										
	H8-5 smoke-tight acc. to EN 1634-3 (S_A,11) (Please note the approval for the respective country!)	Seal for smoke protection	49	-	-	-	-	-	-	-	-	-
		HDC 35	213	-	-	-	-	-	-	-	-	-
		► Additional door closer required!										
		Reinforcement in the door leaf for door closer (frame must be drilled on site)	36	●/○	-	-	-	-	-	-	-	-
		Profile cylinder (if not already included)	34	-	-	-	-	-	-	-	-	-
	Door leaf, insulated Thermal insulation in accordance with EN ISO 12567-1, U _D = 1.7 W/(m²·K) and acoustic insulation acc. to EN 20140 (RW approx. 31 dB) ✓ Only possible for solid door set with corner frame or profile frame (without glazing cut-out).	Equipment: Door leaf with mineral wool insert, bottom edge with double lip seal, aluminium semi-circular threshold (delivered separately)	-	-	-	-	-	-	76	-	-	-
	Break-in resistance equipment DIN EN 1627 RC 2 ✓ Only possible for solid door leaves and only in conjunction with corner frame or profile frame Maximum BRM height 2200 mm	Multiple-point locking with 2 additional bolts, 1 steel security bolt on the hinge side, hinges with security pins	-	-	-	-	-	-	304	-	-	-
		Aluminium security lever / knob handle set DIN 18257, class ES 1 with pull-off protection, profile cylinder 27.5 + 40.5 mm with drill-proofing, 3 keys	-	-	-	-	-	-	148	-	-	-
	Break-in resistance equipment DIN EN 1627 RC 2 THP 011 in RC 2 with anti-panic multiple-point locking *Replaces standard fittings	with threshold S11										
		Fitting X028 – anti-panic lever handle set type D-110 stainless steel with ES1 rose escutcheon*	-	-	-	-	438	-	-	-	-	-
		Anti-panic multiple-point locking with change-over function B / with passage function D	-	-	-	-	602	-	-	-	-	-
		with threshold S12										
		Fitting X028 – anti-panic lever handle set type D-110 stainless steel with ES1 rose escutcheon*	-	-	-	-	438	-	-	-	-	-
		Anti-panic multiple-point locking with change-over function B / with passage function D	-	-	-	-	602	-	-	-	-	-
		Threshold S12	-	-	-	-	38	-	-	-	-	-
		With retractable bottom seal										
		Fitting X028 – anti-panic lever handle set type D-110 stainless steel with ES1 rose escutcheon*	-	-	-	-	438	-	-	-	-	-
		Anti-panic multiple-point locking with change-over function B / with passage function D	-	-	-	-	602	-	-	-	-	-
		Retractable bottom seal	-	-	-	-	316	-	-	-	-	-
		Protruding threshold	-	-	-	-	17	-	-	-	-	-
	Acoustic-rated DIN EN 20 140 (DIN 4109) Acoustic-rated acc. to DIN EN 20140-3 up to 38 dB, corresponds to acoustic rating categories I and II (DIN 4109) ✓ Only possible with solid door leaves and only in conjunction with corner frame or profile frame.	Equipment: composite timber insert glued over the entire surface to the door sheets, door leaf with retractable bottom seal	-	-	-	-	-	-	239	-	-	-
	Apartment door package • Break-in resistance equipment DIN EN 1627 RC 2 • Acoustic insulation DIN EN 20140-3, RwP approx. 32 dB • Thermal insulation EN ISO 12567-1, U _D = 1.7 W/(m²·K) ✓ Only possible with solid door leaves and only in conjunction with corner frame or profile frame. Max. BRM height 2200 mm	Equipment: Mineral wool insert and retractable bottom seal, multiple-point locking with 2 additional bolts, 1 steel security bolt on hinge side, 3-way adjustable hinges with security pin VX 7939 / 120 stainless steel, aluminium security lever / knob handle set DIN 18257, class ES 1 with pull-off protection, profile cylinder 27.5 + 40.5 mm with drill-proofing, 3 keys, security card	-	-	-	-	-	-	765	-	-	-

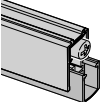
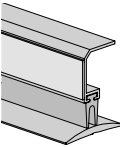
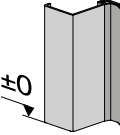
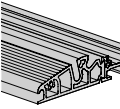
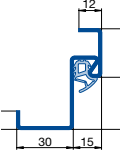
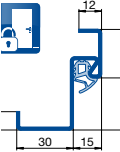
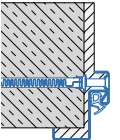
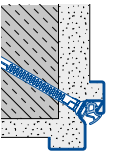
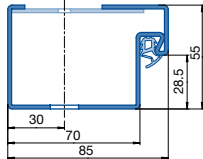
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	Escape door function acc. to DIN EN 179	Door set with 2 construction hinges DIN 18272 (only possible with corner frame)	-	-	36	-	-	-	-	-	-	-	-
	Optional escape door function (capability for release) must be specified on the order.	Emergency exit lock acc. to EN 179	-	-	See fitting	-	See fitting	See fitting	-	-	-	-	-
Door leaf €													
	MZ Sentinel version		-	-	-	70	-	-	-	-	-	-	-
	Door leaf rebated on 3 sides, with height-adjustable construction hinge, reinforcement in door leaf for door closer		-	-	-	141	-	-	-	-	-	-	-
	Composite timber insert		-	-	-	-	-	-	-	18	-	-	-
	Door leaf prepared for rose escutcheon ► Indicate handing!		48	●	48	48	●	●	48	48	-	-	-
	Reinforcement for push bars		36	-	36	-	36	36	36	36	-	-	-
	Offset lever height of 775 mm to 1275 mm from FFL (only possible with single-point locking)		-	-	-	-	109	109	-	-	-	-	-
	Lever height suitable for people with disabilities, 850 mm from FFL		-	-	-	-	-	-	109	109	-	-	-
	Shortened door leaf (undercut)		-	-	-	-	-	-	364	364	-	-	-
	Stainless steel kick plate on the exterior (separate, with double-sided tape), height 110 mm		-	-	-	-	209	209	209	209	-	209	-
	Height size range for style		-	-	-	-	209	209	209	209	-	209	-
	Style	Height (RAM)	-	-	-	-	209	209	209	209	-	209	-
	011 / KSI Thermo 46	1750–2250 mm	-	-	-	-	209	209	209	209	-	209	-
	021	2050–2250 mm	-	-	-	-	209	209	209	209	-	209	-
	051	1875–2250 mm	-	-	-	-	209	209	209	209	-	209	-
	Fixed leaf width of 300–499 mm (BRM)		-	-	-	-	-	-	151	151	-	-	-

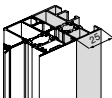
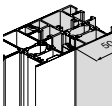
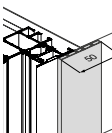
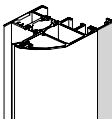
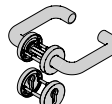
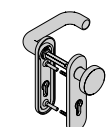
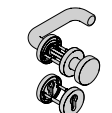
Optional extras

- Standard
- Not available

		H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	Retractable bottom seal	-	331	-	-	331	331	223	223	223	331	223
	Door leaf with double lip seal, aluminium semi-circular threshold (delivered separately)	-	-	-	-	-	-	-	76	●	-	●
Frame												€
	Frame for finished floor ▶ Indicate handing! (H8-5 / MZ) ▶ Not suitable for smoke-tight doors! (H8-5)	59	●	59	59	●	●	59	59	59	●	●
	Threshold S12	-	40	-	-	-	40	-	-	-	-	-
	Corner frame, dependent on handing	-	-	-	-	-	-	86	86	-	-	-
	Corner frame, dual handed (prepared for V8100)	-	-	-	-	-	-	113	113	-	-	-
	Seal	-	-	-	-	-	-	5	5	-	-	-
	Corner frame for OIT 40 break-in resistant RC 2 Surcharge for corner frame	-	-	-	-	-	-	-	88	-	-	-
	Corner frame prepared for fitting through the reveal	-	-	-	-	-	-	33	33	-	-	-
	Corner frame prepared for fitting through the groove bottom	-	-	-	-	-	-	33	33	-	-	-
	Add-on frame profile 006	for ZK-1		Add-on frame		-	-	-	-	-	-	-
				1 x seal		-	-	-	-	-	-	-
				2 x V8100		-	-	-	-	-	-	-
	Add-on frame profile 006	for OIT 40-1		Add-on frame		-	-	-	-	-	-	-
				1 x seal		-	-	-	-	-	-	-
				2 x V8000 WF		-	-	-	-	-	-	-

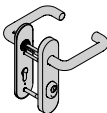
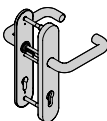
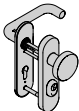
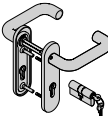
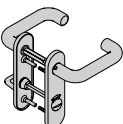
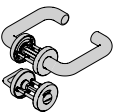
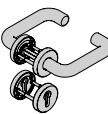
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F	
Profiles			€											
	Extension profile 25 mm	RAL 9016	Per m	-	-	-	-	62	70	-	-	-	-	-
		MatchColor	Per m	-	-	-	-	76	83	-	-	-	-	-
		Colour	Per m	-	-	-	-	76	83	-	-	-	-	-
		Matt deluxe	Per m	-	-	-	-	88	95	-	-	-	-	-
		Decograin	Per m	-	-	-	-	88	95	-	-	-	-	-
	Extension profile 50 mm	RAL 9016	Per m	-	-	-	-	70	76	-	-	-	-	-
		MatchColor	Per m	-	-	-	-	83	88	-	-	-	-	-
		Colour	Per m	-	-	-	-	83	88	-	-	-	-	-
		Matt deluxe	Per m	-	-	-	-	95	101	-	-	-	-	-
		Decograin	Per m	-	-	-	-	95	-	-	-	-	-	-
	Cover profile (box is sufficient for one door set)	RAL 9016	Per box	-	-	-	-	140	140	-	-	-	-	-
		Decograin	Per box	-	-	-	-	188	188	-	-	-	-	-
	Supplementary profile (3-sided), width 20 mm, mitred, incl. corner bracket and fitting screws * For the Decograin door surface finish, the supplementary profile is coated in a colour matching the Decograin.	RAL 9016	Per door	-	-	-	-	297	297	-	-	-	-	-
		MatchColor	Per door	-	-	-	-	372	372	-	-	-	-	-
		Colour	Per door	-	-	-	-	372	372	-	-	-	-	-
		Matt deluxe	Per door	-	-	-	-	386	386	-	-	-	-	-
		Golden Oak*, Dark Oak*, Titan Metallic CH 703*	Per door	-	-	-	-	386	386	-	-	-	-	-
			Fire-rated handle set								Security handle set			
			□ 9 mm						□ 8 mm		□ 8 mm			
Lever handle sets type D-110			€											
	With round short escutcheon, prepared for profile cylinder	Black plastic (polyamide)	50	-	50	50	-	-	36	36	-	-	-	
		Anodised aluminium (F1)	85	-	85	85	-	-	90	90	-	-	-	
		Brushed stainless steel	151	-	151	151	-	-	151	151	-	-	-	
	With rose escutcheons, prepared for profile cylinder	Black plastic (polyamide)	50	-	50	50	-	-	49	49	-	-	-	
		Anodised aluminium (F1)	127	-	127	127	-	-	82	82	-	-	-	
		Brushed stainless steel	200	-	200	200	-	-	200	200	-	-	-	
Fire-rated lever / knob handle sets type D-110			€											
	With round short escutcheon, prepared for profile cylinder	Black plastic (polyamide)	56	-	56	56	-	-	56	56	-	-	-	
		Anodised aluminium (F1)	107	-	107	107	-	-	77	77	-	-	-	
		Brushed stainless steel	177	-	177	177	-	-	177	177	-	-	-	
	With rose escutcheons, prepared for profile cylinder	Black plastic (polyamide)	56	-	56	56	-	-	56	56	-	-	-	
		Anodised aluminium (F1)	145	-	145	145	-	-	105	105	-	-	-	
		Brushed stainless steel	219	-	219	219	-	-	219	219	-	-	-	

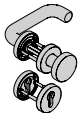
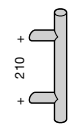
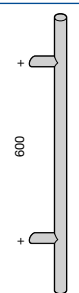
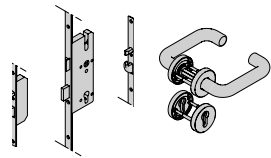
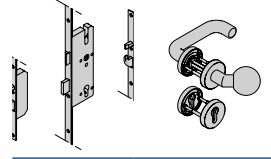
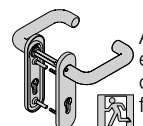
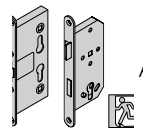
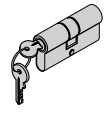
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
ES 1 lever handle sets													
	Security lever handle set, with short escutcheon ES1	Aluminium (replaces standard fittings)	-	-	-	-	-	-	-	-	148	-	-
		Brushed stainless steel (replaces standard fittings)	-	-	-	-	-	-	-	-	269	-	-
	Lever handle set, long escutcheon ES1, stainless steel		-	-	-	-	-	-	-	-	-	No sur-charge	-
ES1 lever / knob handle sets													
	Security lever / knob handle set, with short escutcheon	Aluminium (standard fittings)	-	-	-	-	-	-	-	-	●	-	-
		Brushed stainless steel (replaces standard fittings)	-	-	-	-	-	-	-	-	269	-	-
Lever handle sets													
	SI-F accessory pack with black plastic lever handle set, profile cylinder and cover plug		-	-	-	-	-	-	-	-	-	-	55
WC handle sets (bathroom handle sets)													
	With round short escutcheon	Black plastic (polyamide)	-	-	-	-	-	-	65	65	-	-	-
		Anodised aluminium natural finish (F1)	-	-	-	-	-	-	77	77	-	-	-
		Stainless steel	-	-	-	-	-	-	179	179	-	-	-
	With rose escutcheons	Black plastic (polyamide)	-	-	-	-	-	-	73	73	-	-	-
		Anodised aluminium natural finish (F1)	-	-	-	-	-	-	105	105	-	-	-
		Stainless steel	-	-	-	-	-	-	223	223	-	-	-
	WC lock (bathroom lock)	With plastic catch	-	-	-	-	-	-	29	29	-	-	-
		With steel catch	-	-	-	-	-	-	30	30	-	-	-
		With stainless steel lock cover	-	-	-	-	-	-	76	76	-	-	-
Fitting pack with lever handle set													
	Lever handle set type D-110, rose escutcheon, prepared for profile cylinder	Black plastic (standard)	-	318	-	-	105	105	-	-	-	-	-
		Anodised aluminium (F1) *	-	445	-	-	232	232	-	-	-	-	-
		Brushed stainless steel *	-	518	-	-	305	305	-	-	-	-	-
Fitting pack with lever / knob handle set													

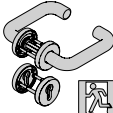
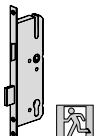
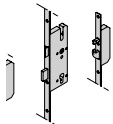
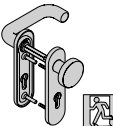
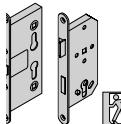
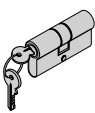
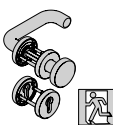
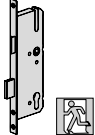
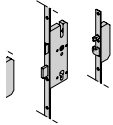
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	Lever / knob handle set type D-110, rose escutcheon, prepared for profile cylinder	Black plastic *	-	374	-	-	161	161	-	-	-	-	-
		Anodised aluminium (F1) *	-	463	-	-	250	250	-	-	-	-	-
	* Replaces standard fittings	Brushed stainless steel *	-	537	-	-	324	324	-	-	-	-	-
Handle (with multiple-point locking)													
	HB 14-2, including profile cylinder and door closer	Stainless steel (standard)	-	318	-	-	-	-	-	-	-	-	-
	HB 38-2, including profile cylinder and door closer	Stainless steell *	-	467	-	-	-	-	-	-	-	-	-
	* Replaces standard fittings												
Multiple-point locking and fitting pack with lever handle set													
	Multiple-point locking (hook bolt lock with rose escutcheon) * Lever handle / lever handle type D-110, stainless steel (from door height 1875 mm)		-	-	-	-	532	532	-	-	-	-	-
	* Replaces standard fittings												
Multiple-point locking and fitting pack with lever / knob handle set													
	Multiple-point locking (hook bolt lock with rose escutcheon) * Lever handle / knob type K-160 stainless steel (from door height 1875 mm)		-	-	-	-	532	532	-	-	-	-	-
	* Replaces standard fittings												
Emergency exit lock acc. to EN 179 with lever handle sets type D-110													
	Anti-panic handle set with short escutcheon. Prepared for profile cylinder, 9 mm square pin, for anti-panic lock with split spindle	Black plastic	56	-	56	56	-	-	56	56	-	-	-
	Anti-panic lock	Split spindle (passage function D)	181	-	181	181	-	-	173	173	-	-	-
	Profile cylinder	27.5 + 35.5 with 3 keys	-	-	-	-	-	-	34	34	-	-	-
		31.5 + 31.5 with 3 keys	34	-	34	34	-	-	-	-	-	-	-

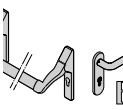
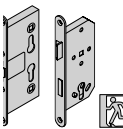
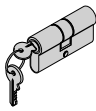
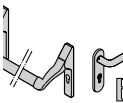
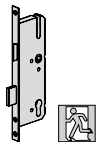
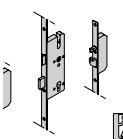
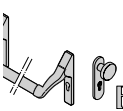
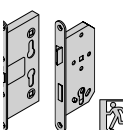
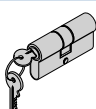
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	Fitting pack with anti-panic handle set type D-110, rose escutcheon, prepared for profile cylinder, and profile cylinder	Black plastic *	-	374	-	-	161	161	-	-	-	-	-
		Anodised aluminium (F1) *	-	463	-	-	250	250	-	-	-	-	-
	* Replaces standard fittings	Brushed stainless steel *	-	537	-	-	324	324	-	-	-	-	-
	Escape door with single-point locking (Anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged)	With split spindle, change-over function B	-	227	-	-	227	227	-	-	-	-	-
		With split spindle, passage function D	-	-	-	-	227	227	-	-	-	-	-
	Multiple-point locking (anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged)	With split spindle, change-over function B	-	-	-	-	631	631	-	-	-	-	-
	⚠ Possible from door height 1990 mm	With split spindle, passage function D	-	-	-	-	631	631	-	-	-	-	-
Emergency exit lock acc. to EN 179 with lever / knob handle set type D-110													
	Lever / knob handle set with short escutcheon. Prepared for profile cylinder, 9 mm square pin, for anti-panic lock with lever / knob	Black plastic	56	-	56	56	-	-	56	56	-	-	-
	Anti-panic lock	Continuous spindle (lever function E)	89	-	89	89	-	-	90	90	-	-	-
	Profile cylinder	27.5 + 35.5 with 3 keys	-	-	-	-	-	-	34	34	-	-	-
		31.5 + 31.5 with 3 keys	34	-	34	34	-	-	-	-	-	-	-
	Fitting pack with lever / knob handle set type D-110, rose escutcheon, prepared for profile cylinder, and profile cylinder	Black plastic *	-	374	-	-	161	161	-	-	-	-	-
		Anodised aluminium (F1) *	-	463	-	-	250	250	-	-	-	-	-
	* Replaces standard fittings	Brushed stainless steel *	-	537	-	-	324	324	-	-	-	-	-
	Escape door with single-point locking (Anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged)	With lever function E	-	188	-	-	188	188	-	-	-	-	-
	Multiple-point locking (anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged) ⚠ Possible from door height 1990 mm	With lever function E	-	-	-	-	561	561	-	-	-	-	-

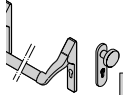
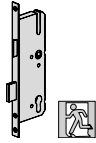
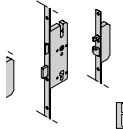
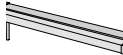
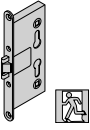
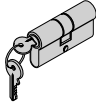
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
Anti-panic device acc. to EN 1125 with lever handle sets type D-110													
	Push bar acc. to DIN EN 1125 Reinforcement required for push bars: Note the surcharge!	Inside: black plastic base plates / aluminium bar, outside: lever handle, black plastic	562	-	562	562	-	-	-	-	-	-	-
		Inside: black plastic base plates / red bar, outside: lever handle, black plastic	-	-	-	-	-	-	401	401	-	-	-
		Inside: aluminium base plates / aluminium bar Outside: aluminium lever handle	665	-	665	665	-	-	-	-	-	-	-
		Inside: aluminium base plates / stainless steel bar, outside: aluminium lever handle	-	-	-	-	-	-	498	498	-	-	-
		Inside: stainless steel base plates / stainless steel bar, outside: stainless steel lever handle	790	-	790	790	-	-	-	-	-	-	-
	Anti-panic lock	Split spindle (change-over function B)	181	-	181	181	-	-	-	-	-	-	-
		Split spindle (passage function D)	181	-	181	181	-	-	275	275	-	-	-
	Profile cylinder	35.5 + 27.5 with 3 keys	-	-	-	-	-	-	34	34	-	-	-
		35.5 + 31.5 with 3 keys	34	-	34	34	-	-	-	-	-	-	-
	Push bar acc. to DIN EN 1125 Reinforcement required for push bars: Note the surcharge!	Inside: silver base plates / aluminium bar Outside: silver lever handle	-	-	-	-	639	639	-	-	-	-	-
	Escape door with single-point locking (Anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged)	With split spindle, change-over function B	-	-	-	-	227	227	-	-	-	-	-
		With split spindle, passage function D	-	-	-	-	227	227	-	-	-	-	-
	Multiple-point locking (anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged) ⚠ Possible from door height 1990 mm	With split spindle, change-over function B	-	-	-	-	631	631	-	-	-	-	-
		With split spindle, passage function D	-	-	-	-	631	631	-	-	-	-	-
Anti-panic devices acc. to EN 1125 with lever / knob handle set type D-110													
	Push bar acc. to DIN EN 1125 Reinforcement required for push bars: Note the surcharge!	Inside: black plastic base plates / aluminium bar, outside: black plastic knob	570	-	570	570	-	-	-	-	-	-	-
		Inside: black plastic base plates / red bar, outside: black plastic knob	-	-	-	-	-	-	398	398	-	-	-
		Inside: aluminium base plates / aluminium bar Outside: aluminium knob	675	-	675	675	-	-	-	-	-	-	-
		Inside: aluminium base plates / stainless steel bar	-	-	-	-	-	-	520	520	-	-	-
		Inside: stainless steel base plates / stainless steel bar, outside: stainless steel knob	801	-	801	801	-	-	-	-	-	-	-
	Anti-panic lock	Continuous spindle (lever function E)	89	-	89	89	-	-	195	195	-	-	-
	Profile cylinder	35.5 + 31.5 with 3 keys	34	-	34	34	-	-	-	-	-	-	-

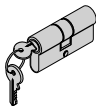
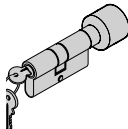
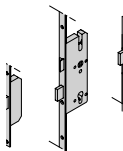
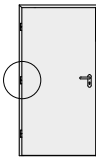
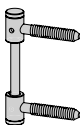
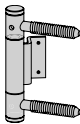
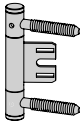
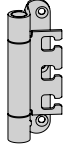
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	Push bar acc. to DIN EN 1125 Reinforcement required for push bars: Note the surcharge!	Inside: silver base plates / aluminium bar Outside: silver knob	-	-	-	-	648	648	-	-	-	-	-
	Escape door with single-point locking (Anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged)	With lever function E	-	-	-	-	188	188	-	-	-	-	-
	Multiple-point locking (anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand hinged or right-hand hinged) Possible from door height 1990 mm	With lever function E	-	-	-	-	561	561	-	-	-	-	-
Anti-panic devices													€
	Touch bar (lengths 702 mm, 802 mm, 902 mm)		383	-	383	383	-	-	-	-	-	-	-
	Half lever handle for push bar	Black plastic	29	-	29	29	-	-	-	-	-	-	-
	Knob for push bar	Black plastic	51	-	51	51	-	-	-	-	-	-	-
	Anti-panic lock	Split spindle (passage function D)	181	-	181	181	-	-	-	-	-	-	-
	Profile cylinder	40.5 + 31.5 with 3 keys	34	-	34	34	-	-	-	-	-	-	-

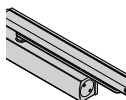
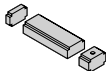
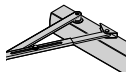
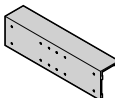
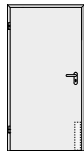
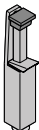
Optional extras

- Standard
- Not available

		H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
Profile cylinder		€										
	27.5 + 35.5 with 3 keys	-	-	-	-	-	-	34	34	-	-	-
	31.5 + 31.5 with 3 keys	34	-	34	34	-	-	-	-	-	-	-
	27.5 + 35.5 with 3 keys	-	-	-	-	-	-	47	47	-	-	-
	31.5 + 31.5 with 3 keys	47	-	47	47	-	-	-	-	-	-	-
	Additional key	10	-	10	10	-	-	10	10	10	-	10
Locks		€										
	Multiple-point locking with comfort function (only with continuous spindle) <i>Notice: replaces standard fittings! Without approval, no RC 2!</i>	-	-	-	-	-	-	-	-	547	-	-
	Security lever/knob handle set ES1 with short escutcheon (comfort function)	-	-	-	-	-	-	-	-	76	-	-
	Profile cylinder 40.5 + 27.5 mm with drill-proofing (on both sides), with security card, with compensator function for comfort function	-	-	-	-	-	-	-	-	87	-	-
	Prepared for double-action door lock (with profile cylinder cut-out for rose escutcheon, without lever handle cut-out, without fitting)	-	-	-	-	-	-	48	48	-	-	-
	Double-action door lock	-	-	-	-	-	-	173	173	-	-	-
Hinge systems		€										
	Door leaf with additional 3rd hinge (for VX hinge 611 mm from frame hold dimension)	-	-	-	-	-	-	31	67	-	-	-
	Door set with additional 3rd hinge (frame prepared for V 8000 series hinges)	-	-	-	-	-	-	85	126	-	-	-
	Door leaf with 3-part hinges, V 0026 WF, without frame part	-	-	-	-	-	-	31	-	-	-	-
	V 0026 WF stainless steel top hinge parts	-	-	-	-	-	-	181	126	-	-	-
	Door set with 3-part hinges, V1026 WF galvanized	-	-	-	-	-	-	41	●	●	-	●
	Door set with V8026 stainless steel hinges, with securing pin	-	-	-	-	-	-	-	-	221	-	-
	Door set with 3-way adjustable stainless steel hinges VX 7939/120 with securing pin	-	-	-	-	-	-	-	-	221	-	-
	Door leaf with stainless steel hinges VX7939 / 120	-	-	-	-	-	-	-	188	-	-	-
	Frame prepared for VX7939 / 120 series hinges	-	-	-	-	-	-	-	44	-	-	-

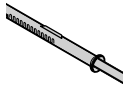
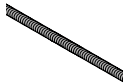
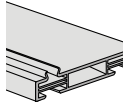
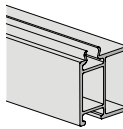
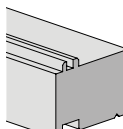
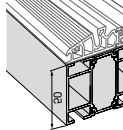
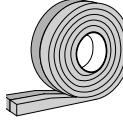
Optional extras

- Standard
- Not available

			H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
Door closer													€
	Reinforcement in the door leaf for door closer (no hole in door leaf, frame must be drilled on site)	Door leaf	Reinforcement in door leaf	36	●	36	●	36	36	36	36	36	36
			Reinforcement in door leaf	-	-	-	-	-	36	-	-	-	-
			Two 3-part hinges V0026	-	-	-	-	-	31	-	-	-	-
	Door set		Reinforcement in door leaf	-	-	-	-	-	36	-	-	-	-
			Two 3-part hinges V1026	-	-	-	-	-	41	-	-	-	-
			Two 3-part hinges V8000	-	-	-	-	-	8	-	-	-	-
	Slide rail door closer with lever arm HDC 35-1 incl. mounting plate		213	●	213	213	213	213	213	213	213	213	213
	Mechanical hold-open device		-	-	84	84	84	84	84	84	84	84	84
	Opening limiter for GEZE slide rail, HDC 35 / TS 5000		48	48	48	48	48	48	48	48	48	48	48
	Linkage door closer TS 4000		-	-	-	-	-	-	-	-	213	-	213
	Fitting bracket for HDC 35		33	-	33	-	-	-	-	-	-	-	-
Mechanical hold-open device													€
	Reinforcement in door leaf for mechanical hold-open device		-	-	-	-	36	36	36	36	-	36	-
	Mechanical hold-open device with 60 mm travel		-	-	-	-	100	100	100	100	-	100	-
Fitting accessories													€
	Screw-in anchor set, length 280 mm (8 x anchors)		-	34	-	-	34	34	-	-	-	-	-

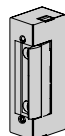
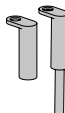
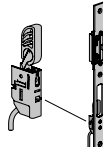
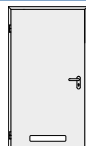
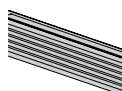
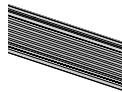
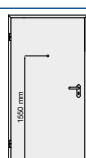
Optional extras

- Standard
- Not available

		H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	17 x bolts and plugs (10 x 80 mm) for corner frames	31	-	31	31	-	-	-	-	-	-	-
	7 x bolts and plugs (8 x 80 mm) for reveal and add-on frame	-	-	29	29	-	-	-	-	-	-	-
	7 x bolts and plugs (8 x 80 mm)	-	-	-	-	-	-	29	29	29	-	29
	8 x bolts and plugs (8 x 120 mm)	-	-	-	-	29	29	-	-	-	29	-
	8 x frame screws (7.5 x 182 mm)	-	-	-	-	29	29	-	-	-	29	-
	Base profile											
	Height 15 mm	-	-	-	-	-	30	-	-	-	-	-
	Height 30 mm	-	30	-	-	30	30	-	-	-	30	-
	Height 60 mm	-	60	-	-	60	60	-	-	-	60	-
	Height 90 mm	-	90	-	-	90	90	-	-	-	90	-
	Height 120 mm	-	120	-	-	120	120	-	-	-	120	-
	Height 150 mm	-	150	-	-	150	150	-	-	-	150	-
	Height 180 mm	-	180	-	-	180	180	-	-	-	180	-
	Height 30 mm	-	30	-	-	30	30	-	-	-	30	-
	Height 60 mm	-	60	-	-	60	60	-	-	-	60	-
	Height 90 mm	-	90	-	-	90	90	-	-	-	90	-
	Height 120 mm	-	120	-	-	120	120	-	-	-	120	-
	Height 150 mm	-	150	-	-	150	150	-	-	-	150	-
	Height 180 mm	-	180	-	-	180	180	-	-	-	180	-
	RAL 9016	-	-	-	-	-	76	-	-	-	-	-
	MatchColor	-	-	-	-	-	88	-	-	-	-	-
	Preferred colour	-	-	-	-	-	88	-	-	-	-	-
	Matt deluxe	-	-	-	-	-	101	-	-	-	-	-
	Width 56 mm	-	-	-	-	103	-	-	-	-	103	-
	Width 74 mm	-	-	-	-	-	134	-	-	-	-	-

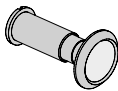
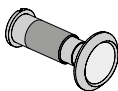
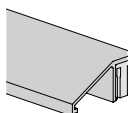
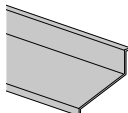
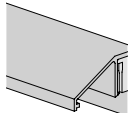
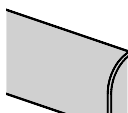
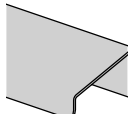
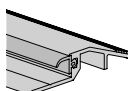
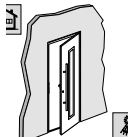
Optional extras

- Standard
- Not available

		H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F		
Electric extras												€		
	Electric strike with day catch (separate)		-	-	-	-	95	125	95	95	-	95	-	
	Electric strike with day catch and arrestor (separate)		-	-	-	-	-	159	-	-	-	-	-	
	Electric strike (separate) Notice: only possible with single-point lock!		-	125	-	-	-	-	-	-	-	-	-	
	Prepared for an electric strike (single-leaf doors)	Frame preparation including extension of frame depth from 30 mm to 40 mm (profile 11100 in RAL 7035)	-	-	-	-	-	-	135	135	-	-	-	
		Lock plate	-	-	-	-	-	-	48	48	-	-	-	
		Fitting screws (4x)	-	-	-	-	-	-	2	2	-	-	-	
Prepared for an electric strike (double-leaf doors)	Preparation for electric strike	-	-	-	-	-	-	135	135	-	-	-		
	Electro duct	-	-	-	-	-	-	775	775	-	-	-		
	Reed contact (separate), door leaf and frame prepared		-	-	-	-	119	119	-	-	-	119	-	
	Latch switching contact		-	119	-	-	119	119	-	-	-	-	-	
Optional extras												€		
	Prepared for ventilation grille		-	-	-	-	-	33	33	-	-	-	-	
	Plastic ventilation grille 457 x 92 mm (for leaf widths < BR 750 mm 290 x 125 mm)	White and Walnut	Per leaf	-	-	123	123	-	-	65	65	65	-	65
		Jet black, Ruby red, Ultramarine blue, Light grey	Per leaf	-	-	123	123	-	-	97	97	97	-	97
	Aluminium ventilation grille 455 x 106 mm inside dimensions (for leaf widths < BR 750 mm, 230 x 130 mm inside dimensions)	Look: Brass, Maple, Stainless steel, Mahogany, White aluminium	Per leaf	-	-	360	360	-	-	303	303	-	-	-
			Per leaf	-	-	360	360	-	-	303	303	-	-	-
	Spyhole preparation 15 mm Ø 1550 mm from FFL		-	-	-	-	-	36	36	-	-	-	-	

Optional extras

- Standard
- Not available

		H8-5	FS Thermo65	MZ	MZ Sentinel	MZ Thermo 46	MZ Thermo 65	ZK	OIT 40	KSI 40-1	KSI Thermo46	SI-F
	Spyhole including drill holes	61	61	61	61	61	61	61	61	61	61	61
	Spyhole, with thermal break, including drill holes	-	-	-	-	-	119	-	-	-	-	-
	For single-leaf doors	29	-	29	29	-	-	29	29	29	-	-
	For double-leaf doors	-	-	39	39	-	-	-	-	-	-	-
	Rain canopy (with double-sided adhesive tape)	-	-	-	-	29	29	-	-	-	-	-
Anodised aluminium		-	-	-	-	29	29	-	-	-	-	-
	Door drip	-	-	49	49	-	-	-	-	49	-	49
Per leaf		-	-	49	49	-	-	-	-	49	-	49
	Door drip, painted aluminium (with double-sided tape)	-	-	-	-	59	59	-	-	-	59	-
RAL 9006		-	-	-	-	59	59	-	-	-	59	-
	Door drip (with double-sided tape)	-	245	-	-	245	245	-	-	-	245	-
Stainless steel		-	245	-	-	245	245	-	-	-	245	-
	Single-leaf	-	-	-	-	-	-	81	81	81	-	-
	Double-leaf	-	-	-	-	-	-	162	162	-	-	-
	Door set opening outwards	-	87	-	-	-	-	-	-	-	-	-

Optional extras

Brandis factory – product data sheets

Overview according to products and countries

Product data sheets	
Fire-rated doors	From page 121
Multi-purpose doors MZ	From page 138
Internal doors ZK	From page 141
Reinforced internal doors OIT	From page 152
Security doors	From page 156

Brandis factory – scope of approval

Fire-rated doors

Subject to changes!

There are currently no approvals for the following countries:

- Denmark
- Finland
- Greece
- Iceland
- Italy
- Croatia
- Latvia
- Luxembourg
- Netherlands
- Norway
- Portugal
- Romania
- Sweden
- Spain
- Turkey
- United Arab Emirates

Notice:

The wall types must comply with the national requirements!

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name	Hatch EI30-1-FSA HA 30 A-1	Door EI30-1-FSA HA 30 A-1
Basis	H8-5 (EN)	H8-5 (EN)
Approval no., certificate of compliance	R-14.1.1-18-7080	R-14.1.1-18-7080
Approved for fitting in:		
Brickwork	≥ 115	≥ 115
Concrete	≥ 100	≥ 100
Additional standard functions		
Burglar protection acc. to EN 1627:1999 (tested and approved on both sides)		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Long-term functionality acc. to EN 1191	Class C5	Class C5
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness in mm	45	45
Sheet thickness in mm	0,9	0,9
Glazing		
Thin rebate	●	●
Thick rebate		
Rebate	2-sided	2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272	●	
1 spring hinge, 1 height-adjustable construction hinge EN 1935		●
Approved size range for corner frame		
Clear frame dimension (with threshold)	Width Height	557 – 1100 682 – 1681
Clear frame dimension (without threshold)	Width Height	557 – 1100 1716 – 2100

Scope of approval – fire-rated doors

Subject to changes!

Product type			
Product name		HBG 30 A-1	HBG 30 A-1 (RS)
Basis		H8-5	H8-5
Approval no., certificate of compliance		Reg. no. 1983сд-69 / 16.09.2022 г.	Reg. no. PO-N-D 9 from 14.02.2014
Approved for fitting in:			
Brickwork		≥ 115	≥ 115
Concrete		≥ 100	≥ 100
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		1,7	1,7
Additional functions with corresponding equipment			
Smoke protection			●
Acoustic insulation acc. to ISO 717-1		39 dB	39 dB
Safety			
Door leaf			
Leaf thickness	in mm	45	45
Sheet thickness	in mm	0,9	0,9
Glazing			
Thin rebate		●	●
Thick rebate			
Rebate		2-sided	2-sided
Hinges and closing devices (standard)			
1 spring hinge, 1 construction hinge DIN 18272		●	●
Approved size range			
Nominal size	Width	625 – 1250	625 – 1250
	Height	1750 – 2134	1750 – 2134
Clear frame dimension	Width	557 – 1182	557 – 1182
	Height	1716 – 2100	1716 – 2100

Scope of approval – fire-rated doors

Subject to changes!

Product type			
Product name		HBEL30 A-1	HBEL30 A-1
Basis		H8-5	H8-5 (RS)
Approval no., certificate of compliance		BY 112 02.01. 085 06960	BY 112 02.01. 085 06961
Approved for fitting in:			
Brickwork		≥ 115	≥ 115
Concrete		≥ 100	≥ 100
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		1,7	1,7
Additional functions with corresponding equipment			
Smoke protection			●
Acoustic insulation acc. to ISO 717-1		39 dB	39 dB
Safety			
Door leaf			
Leaf thickness	in mm	45	45
Sheet thickness	in mm	0,9	0,9
Glazing			
Thin rebate		●	●
Thick rebate			
Rebate		2-sided	2-sided
Hinges and closing devices (standard)			
1 spring hinge, 1 construction hinge DIN 18272		●	●
Approved size range			
Nominal size	Width	790 – 1250	790 – 1200
	Height	1395 – 2134	1395 – 2063
Structural opening	Width	800 – 1260	800 – 1210
	Height	1400 – 2139	/1400 – 2068

Scope of approval – fire-rated doors

Subject to changes!

Product type			
Product name		HCH 30 A-1	HCH 30 A-1
Basis		H8-5 and EN (hatch)	H8-5 and EN (door)
Approval no., certificate of compliance		VKF no. 23739	VKF no. 23739
Approved for fitting in:			
Brickwork		≥ 115	≥ 115
Concrete		≥ 100	≥ 100
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$			1,7
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation acc. to ISO 717-1			39 dB
Safety			
Door leaf			
Leaf thickness	in mm	45	45
Sheet thickness	in mm	0,9	0,9
Glazing			
Thin rebate		●	●
Thick rebate			
Rebate		2-sided	2-sided
Hinges and closing devices (standard)			
1 spring hinge, 1 construction hinge DIN 18272		●	●
Approved size range			
Nominal size	Width	625 – 1168	625 – 1168
	Height	750 – 1749	1750 – 2134

Scope of approval – fire-rated doors

Subject to changes!

Product type			
Product name		HCZ30 A-1	HCZ30 A-1
Basis		H8-5 hatch	H8-5 door
Approval no., certificate of compliance		Cert. no. 080-011352	
Approved for fitting in:			
Brickwork		≥ 115	≥ 115
Concrete		≥ 100	≥ 100
Additional standard functions			
Thermal insulation U = W/(m²·K)			1,7
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation acc. to ISO 717-1			39 dB
Safety			
Door leaf			
Leaf thickness	in mm	45	45
Sheet thickness	in mm	0,9	0,9
Glazing			
Thin rebate		●	●
Thick rebate			
Rebate		2-sided	2-sided
Hinges and closing devices (standard)			
1 spring hinge, 1 construction hinge DIN 18272		●	●
Approved size range			
Nominal size	Width	625 – 1168	625 – 1168
	Height	750 – 1749	1750 – 2134
Clear frame dimension	Width	557 – 1100	557 – 1100
	Height	682 – 1681	1716 – 2100

Scope of approval – fire-rated doors

Subject to changes!

Product type				
Product name		T30-1 H8-5	T30-1 H8-5	T30-1 H8-5
Basis		H8-5 (EN) hatch	H8-5 (EN) door	H8-5 (EN) door
Approval no., certificate of compliance		SPSC-7782D	SPSC-7782D	SPSC-7782D
Approved for fitting in:				
Brickwork		≥ 115	≥ 115	≥ 115
Concrete		≥ 100	≥ 100	≥ 100
Additional standard functions				
Thermal insulation $U = W/(m^2 \cdot K)$		1,7	1,7	1,7
Additional functions with corresponding equipment				
Smoke protection				●
Acoustic insulation acc. to ISO 717-1		39 dB	39 dB	39 dB
Safety				
Door leaf				
Leaf thickness	in mm	45	45	45
Sheet thickness	in mm	0,9	0,9	0,9
Glazing				
Thin rebate		●	●	●
Thick rebate				
Rebate		2-sided	2-sided	2-sided
Hinges and closing devices (standard)				
1 spring hinge, 1 construction hinge DIN 18272		●	●	●
Approved size range				
Nominal size	Width	625 – 1168	625 – 1168	625 – 1168
	Height	750 – 1749	1750 – 2134	1750 – 2134
Structural opening	Width	635 – 1178	635 – 1178	635 – 1178
	Height	755 – 1754	1755 – 2139	1755 – 2139

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name		HF30 A-1
Basis		H8-5
Approval no., certificate of compliance		EFR-14-001645
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range for corner frame		
Clear frame dimension	Width	557 – 1100
	Height	682 – 2100

Product type			
Product name		HBS30 A-1	HBS60 A-1
Basis		H8-5	H8-5
Approval no., certificate of compliance		C229620	C229618
Approved for fitting in:			
Brickwork		≥ 115	≥ 115
Concrete		≥ 100	≥ 100
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		1,7	1,7
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation acc. to ISO 717-1		39 dB	39 dB
Safety			
Door leaf			
Leaf thickness	in mm	45	45
Sheet thickness	in mm	0,9	0,9
Glazing			
Thin rebate		●	●
Thick rebate			
Rebate		2-sided	2-sided
Hinges and closing devices (standard)			
1 spring hinge, 1 construction hinge DIN 18272		● (corner frame)	● (corner frame)
1 spring hinge, 1 height-adjustable construction hinge EN 1935		● (reveal frame)	● (reveal frame)
Approved size range for corner frame			
Structural opening	Width	635 – 1260	635 – 1155
	Height	1755 – 2139	1755 – 2139
Approved size range for reveal frame			
Structural opening	Width	707 – 1312	707 – 1227
	Height	1789 – 2163	1789 – 2163

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name		T30-1-FSA H8-5
Basis		H8-5 (EN)
Approval no., certificate of compliance		
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range		
Nominal size	Width	625 – 1168
	Height	1750 – 2134
Clear frame dimension	Width	557 – 1100
	Height	1716 – 2100
Structural opening	Width	635 – 1178
	Height	1755 – 2139

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name		HH30 A-1
Basis		H8-5 (EN)
Approval no., certificate of compliance		NMÉ-28236187 001
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		○
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range		
Nominal size	Width	625 – 1250
	Height	1750 – 2134
Clear frame dimension	Width	557 – 1182
	Height	1716 – 2100
Structural opening	Width	635 – 1260
	Height	1755 – 2139

Scope of approval – fire-rated doors

Subject to changes!

Product type				
Product name		HLT30 A-1	HLT30 A-1	HLT30 A-1
Basis		H8-5 (hatch)	H8-5 (door)	H8-5 (door)
Approval no., certificate of compliance		SPSC-7782 D	SPSC-7782 D	SPSC-7782 D
Approved for fitting in:				
Brickwork		≥ 115	≥ 115	≥ 115
Concrete		≥ 100	≥ 100	≥ 100
Additional standard functions				
Thermal insulation $U = W/(m^2 \cdot K)$			1,7	1,7
Additional functions with corresponding equipment				
Smoke protection				●
Acoustic insulation acc. to ISO 717-1			39 dB	39 dB
Safety				
Door leaf				
Leaf thickness	in mm	45	45	45
Sheet thickness	in mm	0,9	0,9	0,9
Glazing				
Thin rebate		●	●	●
Thick rebate				
Rebate		2-sided	2-sided	2-sided
Hinges and closing devices (standard)				
1 spring hinge, 1 construction hinge DIN 18272		●	●	●
Approved size range				
Nominal size	Width	625 – 1168	625 – 1168	625 – 1168
	Height	750 – 1749	1750 – 2134	1750 – 2134
Structural opening	Width	635 – 1178	635 – 1178	635 – 1178
	Height	755 – 1754	1755 – 2139	1755 – 2139

Product type		
Product name		Door HPL 30 A-1
Basis		H8-5
Approval no., certificate of compliance		ITB-KOT-2019/1050
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Burglar protection acc. to EN 1627:1999		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Long-term functionality acc. to EN 1191		
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
1 spring hinge, 1 height-adjustable construction hinge EN 1935		○
Approved size range for corner frame		
Clear frame dimension	Width	557 – 1100
	Height	1716 – 2100
Approved size range for reveal frame		
Clear frame dimension	Width	557 – 1100
	Height	1716 – 2100

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name		HRUS 30 A-1
Basis		H8-5
Approval no., certificate of compliance		RU C-DE.ПБ68.В.0 1256/22
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Thin rebate		●
Thick rebate		
Rebate		2-sided / 3-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range		
Nominal size	Width	625 – 1168
	Height	1166 – 2134
Structural opening	Width	635 – 1178
	Height	1171 – 2139

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name		T30 H8-5
Basis		H8-5
Approval no., certificate of compliance		TO-10/0134
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range		
Clear frame dimension	Width	557 – 932
	Height	1716 – 2091
Nominal size	Width	625 – 1000
	Height	1750 – 2125
Structural opening	Width	635 – 1010
	Height	1755 – 2130

Scope of approval – fire-rated doors

Subject to changes!

Product type		
Product name		HSLO30 A-1
Basis		H8-5
Approval no., certificate of compliance		STS-07/069
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range		
Nominal size	Width	750 – 1168
	Height	1750 – 2134
Structural opening	Width	760 – 1178
	Height	1755 – 2139

Product type		
Product name		HUA30 A-1
Basis		H8-5
Approval no., certificate of compliance		UA.10393.00324-22
Approved for fitting in:		
Brickwork		≥ 115
Concrete		≥ 100
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation acc. to ISO 717-1		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		
Thin rebate		●
Thick rebate		
Rebate		2-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		●
Approved size range		
Nominal size	Width	688 – 1104
	Height	1750 – 2134
Structural opening	Width	698 – 1114
	Height	1755 – 2139

All countries

Brandis factory

Product data sheet for multi-purpose doors

Subject to changes!

Product type				
Product name		MZ-1	MZ-2	MZ Thermo
Basis				
Approval no.				
Approved for fitting in:				
Brickwork		●	●	●
Concrete		●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●	●
Prefabricated walls / fire walls				
Additional standard functions				
Thermal insulation $U = W/(m^2 \cdot K)^*$		1.7 *	2.0 *	1.1 (TPS 011)
Additional functions with corresponding equipment				
Smoke protection				
Acoustic insulation *		39 dB *	37 dB *	29 dB (TPS 011)
Safety				
Door leaf				
Leaf thickness	in mm	45	45	46
Sheet thickness	in mm	0,9	0,9	0,8
Glazing		○	○	○
Thin rebate		●	●	
Thick rebate				●
Rebate		2-sided	2-sided	4-sided
Hinges and closing devices (standard)				
1 spring hinge, 1 construction hinge DIN 18272		●		
1 spring hinge, 1 height-adjustable construction hinge		○	●	
3 two-part guide rollers, 3-way adjustable				●
Size range				
Nominal size	Width	625 – 1250	1250 – 2250	875 – 1250
	Height	1570 – 2134	1570 – 2134	1875 – 2250
Clear frame dimension	Width	557 – 1182	1182 – 2182	
	Height	1536 – 2100	1536 – 2100	
Structural opening	Width	635 – 1260	1260 – 2260	
	Height	1575 – 2139	1575 – 2139	

* Door leaf without glazing, with corner frame

Product data sheet for multi-purpose doors

Subject to changes!

Product type				
Product name		MZ-1 Sentinel	MZ-2 Sentinel	MZ Thermo
Basis				
Approval no.				
Approved for fitting in:				
Brickwork		●	●	●
Concrete		●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●	●
Prefabricated walls / fire walls				
Additional standard functions				
Thermal insulation $U = W/(m^2 \cdot K)^*$		1.7 *	2.0 *	1.1 (TPS 011)
Additional functions with corresponding equipment				
Smoke protection				
Acoustic insulation *		39 dB *	37 dB *	29 dB (TPS 011)
Safety				
Door leaf				
Leaf thickness	in mm	45	45	46
Sheet thickness	in mm	0,9	0,9	0,8
Glazing		○	○	○
Thin rebate		●	●	
Thick rebate				●
Rebate		3-sided	3-sided	4-sided
Hinges and closing devices (standard)				
1 spring hinge, 1 construction hinge DIN 18272				
1 spring hinge, 1 height-adjustable construction hinge		●	●	
3 two-part guide rollers, 3-way adjustable				●
Size range				
Nominal size	Width	625 – 1250	1250 – 2250	875 – 1250
	Height	1570 – 2134	1570 – 2134	1875 – 2250

* Door leaf without glazing, with corner frame

Product data sheet for multi-purpose doors

Subject to changes!

Product type		
Product name		MZ-1 Sentinel UK
Basis		
Approval no.		
Approved for fitting in:		
Brickwork		●
Concrete		●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●
Prefabricated walls / fire walls		
Additional standard functions		
Thermal insulation U = W/(m²·K) *		1,7
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation *		39 dB
Safety		
Door leaf		
Leaf thickness	in mm	45
Sheet thickness	in mm	0,9
Glazing		○
Thin rebate		●
Thick rebate		
Rebate		3-sided
Hinges and closing devices (standard)		
1 spring hinge, 1 construction hinge DIN 18272		
1 spring hinge, 1 height-adjustable construction hinge		●
Size range		
Structural opening	Width	707 – 1332
	Height	1800 – 2185

* Door leaf without glazing

All countries

Brandis factory

Product data sheet for internal doors

Subject to changes!

Product type				
Product name		ZK-1	ZK-1 l/r	ZK-2
Basis				
Approval no.				
Approved for fitting in:				
Brickwork		●	●	●
Concrete		●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●	●
Prefabricated walls / fire walls				
Additional standard functions				
Thermal insulation $U = W/(m^2 \cdot K)$		2,1	2,1	
Climatic class acc. to RAL RG 426		III	III	
Stress class acc. to RAL RG 426		S	S	
Additional functions with corresponding equipment				
Smoke protection				
Acoustic insulation				
Safety				
Door leaf				
Leaf thickness	in mm	40	40	40
Sheet thickness	in mm	0,6	0,6	0,6
Glazing		○		○
Thin rebate				
Thick rebate		●	●	●
Rebate		3-sided	4-sided	3-sided
Hinges and closing devices (standard)				
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately			●	
Locks (standard)				
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key			●	
Size range				
Nominal size	Width	500 – 1250		1500 – 2500
	Height	1500 – 2250		1500 – 2250
Clear frame dimension	Width	436 – 1186		1436 – 2436
	Height	1468 – 2218		1468 – 2218
Structural opening	Width	510 – 1260		1510 – 2510
	Height	1505 – 2255		1505 – 2255
Door box dimension	Width	458 – 1208		
	Height	1472 – 2222		

Product type			
Product name		ZK-1	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		2,1	
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	n mm	40	40
Sheet thickness	in mm	0,6	0,6
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●	●
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key			●
Austrian standard lock, 8.5 mm square pin, distance 88 mm, prepared for profile cylinder		●	
Size range			
Clear frame dimension	Width	436 – 1186	1436 – 2436
	Height	1468 – 2218	1468 – 2218

Product type			
Product name		ZK-1	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		2,1	
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	in mm	40	40
Sheet thickness	in mm	0,6	0,6
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●	●
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key			
Kaba lock with lever / knob, distance 74 mm, backset 55 mm, lock cover 20 mm		●	●
Size range			
Clear frame dimension	Width	436 – 1186	1436 – 2436
	Height	1468 – 2218	1468 – 2218

Product data sheet for internal doors

Subject to changes!

Product type			
Product name	ZK-1	ZK-1 left / right	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork	●	●	●
Concrete	●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4	●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4	●	●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$	2,1	2,1	
Climatic class acc. to RAL RG 426	III	III	
Stress class acc. to RAL RG 426	S	S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness in mm	40	40	40
Sheet thickness in mm	0,6	0,6	0,6
Glazing	○		○
Thin rebate			
Thick rebate	●	●	●
Rebate	3-sided	4-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts	●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately		●	
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key	●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●	
Size range			
Clear frame dimension	Width	436 – 1186	1436 – 2436
	Height	1468 – 2218	1468 – 2218

Product type				
Product name		ZK-1	ZK-1 left / right	ZK-2
Basis				
Approval no.				
Approved for fitting in:				
Brickwork		●	●	●
Concrete		●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●	●
Prefabricated walls / fire walls				
Additional standard functions				
Thermal insulation $U = W/(m^2 \cdot K)$		2,1	2,1	
Climatic class acc. to RAL RG 426		III	III	
Stress class acc. to RAL RG 426		S	S	
Additional functions with corresponding equipment				
Smoke protection				
Acoustic insulation				
Safety				
Door leaf				
Leaf thickness in mm		40	40	40
Sheet thickness in mm		0,6	0,6	0,6
Glazing		○		○
Thin rebate				
Thick rebate		●	●	●
Rebate		3-sided	4-sided	3-sided
Hinges and closing devices (standard)				
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately			●	
Locks (standard)				
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key			●	
Size range				
Nominal size	Width	500 – 1250		1500 – 2500
	Height	1500 – 2250		1500 – 2250
Structural opening	Width	510 – 1260		1510 – 2510
	Height	1505 – 2255		1505 – 2255

Product type				
Product name		ZK-1	ZK-1 left / right	ZK-2
Basis				
Approval no.				
Approved for fitting in:				
Brickwork		●	●	●
Concrete		●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●	●
Prefabricated walls / fire walls				
Additional standard functions				
Thermal insulation U = W/(m²·K)		2,1	2,1	
Climatic class acc. to RAL RG 426		III	III	
Stress class acc. to RAL RG 426		S	S	
Additional functions with corresponding equipment				
Smoke protection				
Acoustic insulation				
Safety				
Door leaf				
Leaf thickness	in mm	40	40	40
Sheet thickness	in mm	0,6	0,6	0,6
Glazing		○		○
Thin rebate				
Thick rebate		●	●	●
Rebate		3-sided	4-sided	3-sided
Frame				
Frame for finished floor		●	●	●
Hinges and closing devices (standard)				
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately			●	
Locks (standard)				
Prepared for rose escutcheon		●		●
Mortise lock, prepared for profile cylinder, 7 mm square pin		●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key			●	
Size range				
Door box dimension	Width	458 – 1208		1436 – 2436
	Height	1472 – 2222		1468 – 2218

Product type			
Product name	ZK-1	ZK-1 left / right	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork	●	●	●
Concrete	●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4	●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4	●	●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$	2,1	2,1	
Climatic class acc. to RAL RG 426	III	III	
Stress class acc. to RAL RG 426	S	S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness in mm	40	40	40
Sheet thickness in mm	0,6	0,6	0,6
Glazing	○		○
Thin rebate			
Thick rebate	●	●	●
Rebate	3-sided	4-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts	●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately		●	
Locks (standard)			
Door leaf not prepared for short escutcheon	●		●
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key	●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●	
Size range			
Nominal size	Width	500 – 1250	1500 – 2500
	Height	1500 – 2250	1500 – 2250

Product data sheet for internal doors

Subject to changes!

Product type			
Product name	ZK-1	ZK-1 left / right	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork	●	●	●
Concrete	●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4	●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4	●	●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$	2,1	2,1	
Climatic class acc. to RAL RG 426	III	III	
Stress class acc. to RAL RG 426	S	S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness in mm	40	40	40
Sheet thickness in mm	0,6	0,6	0,6
Glazing	○		○
Thin rebate			
Thick rebate	●	●	●
Rebate	3-sided	4-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts	●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately		●	
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key	●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●	
Size range			
Clear frame dimension	Width	436 – 1186	1436 – 2436
	Height	1468 – 2218	2468 – 2218

Product type			
Product name		ZK-1	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		2,1	
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	in mm	40	40
Sheet thickness	in mm	0,6	0,6
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●	●
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key			
Mortise lock, 8 mm square pin, distance 55 mm, backset 50 mm, lock cover 20 mm, lock cover height 175 mm		●	●
Size range			
Nominal size	Width	500 – 1250	1500 – 2500
	Height	1500 – 2250	1500 – 2250
Door box dimension	Width	458 – 1205	
	Height	1485 – 2235	

Norway / Sweden / Finland / Denmark Estonia / Russia / Lithuania



Brandis factory

Product data sheet for internal doors

Subject to changes!

Product type			
Product name		ZK-1	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation U = W/(m²·K)		2,1	
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	in mm	40	40
Sheet thickness	in mm	0,6	0,6
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Reinforcement in the door leaf for door closer		●	●
Frame			
Frame for finished floor		●	●
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0026 WF, frame with 2 welded-on frame parts		●	●
Locks (standard)			
Prepared for ASSA fitting set		●	●
ASSA ABLOY mortise lock 565		●	●
Size range			
Structural opening	Width	510 – 1260	1510 – 2510
	Height	1505 – 2255	1505 – 2255

Product type			
Product name	ZK-1	ZK-1 left / right	ZK-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork	●	●	●
Concrete	●	●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4	●	●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4	●	●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$	2,1	2,1	
Climatic class acc. to RAL RG 426	III	III	
Stress class acc. to RAL RG 426	S	S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness in mm	40	40	40
Sheet thickness in mm	0,6	0,6	0,6
Glazing	○		○
Thin rebate			
Thick rebate	●	●	●
Rebate	3-sided	4-sided	3-sided
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts	●		●
Door leaf with 2 top hinge parts V 0020, frame with 2 frame parts supplied separately		●	
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key	●		●
Mortise lock, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●	
Size range			
Clear frame dimension	Width	436 – 1186	1436 – 2436
	Height	1468 – 2218	2468 – 2218

All countries

Brandis factory

Product data sheet for reinforced internal doors

Subject to changes!

Product type			
Product name		OIT-1	OIT-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$			
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	in mm	40	40
Sheet thickness	in mm	0,8	0,8
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Number of security bolts			
Hinges and closing devices (standard)			
2 galvanized three-part hinges WF with securing pin		●	●
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●	●
Size range			
Nominal size	Width	625 – 1250	1500 – 2500
	Height	1500 – 2250	2000 – 2250
Clear frame dimension	Width	561 – 1186	1436 – 2436
	Height	1468 – 2218	1968 – 2218
Structural opening	Width	635 – 1260	1510 – 2510
	Height	1505 – 2255	2005 – 2255
Door box dimension	Width	583 – 1208	
	Height	1472 – 2222	

Product data sheet for reinforced internal doors

Subject to changes!

Product type		
Product name		OIT-1
Basis		
Approval no.		
Approved for fitting in:		
Brickwork		●
Concrete		●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●
Prefabricated walls / fire walls		
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		
Climatic class acc. to RAL RG 426		III
Stress class acc. to RAL RG 426		S
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation		
Safety		
Door leaf		
Leaf thickness	in mm	40
Sheet thickness	in mm	0,8
Glazing		○
Thin rebate		
Thick rebate		●
Rebate		3-sided
Hinges and closing devices (standard)		
Door leaf with 2 top hinge parts V 0026, frame with 2 frame parts V 8000 WF		●
Locks (standard)		
Austrian standard lock, 8.5 mm square pin, distance 88 mm, prepared for profile cylinder		●
Size range		
Clear frame dimension	Width	561 – 1186
	Height	1468 – 2218

Product data sheet for reinforced internal doors

Subject to changes!

Product type			
Product name		OIT-1	OIT-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$			
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	in mm	40	40
Sheet thickness	in mm	0,8	0,8
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Inlay		Mineral wool insert	Mineral wool insert
Number of security bolts			
Hinges and closing devices (standard)			
3 galvanized three-part hinges WF with securing pin		●	●
Locks (standard)			
Mortise lock DIN 18251 class 3, prepared for profile cylinder, with deadlock insert and 1 deadlock key		●	●
Size range			
Clear frame dimension	Width	561 – 1186	1436 – 2436
	Height	1468 – 2218	1968 – 2218

Product type			
Product name		OIT-1	OIT-2
Basis			
Approval no.			
Approved for fitting in:			
Brickwork		●	●
Concrete		●	●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		●	●
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		●	●
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$			
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation			
Safety			
Door leaf			
Leaf thickness	in mm	40	40
Sheet thickness	in mm	0,8	0,8
Glazing		○	○
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	3-sided
Reinforcement in the door leaf for door closer		●	●
Frame for finished floor		●	●
Hinges and closing devices (standard)			
Door leaf with 2 top hinge parts V 0020, frame with 2 welded-on frame parts		●	●
Locks (standard)			
Door leaf prepared for ASSA fitting set		●	●
ASSA ABLOY mortise lock 565		●	●
Size range (with reveal frame)			
Structural opening	Width	661 – 1286	1536 – 2536
	Height	1518 – 2268	2018 – 2268

All countries

Brandis factory

Product data sheet for security doors

Subject to changes!

Product type			
Product name		KSI	KSI Thermo46
Basis			
Approval no.		4434 3/5	
(acc. to DIN V ENV 1627)			
Approved for fitting in:			
Brickwork		≥ 115	≥ 115
Concrete		≥ 100	≥ 100
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4			
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4			
Prefabricated walls / fire walls			
Additional standard functions			
Thermal insulation $U = W/(m^2 \cdot K)$		1,7	1,1
Climatic class acc. to RAL RG 426		III	
Stress class acc. to RAL RG 426		S	
Additional functions with corresponding equipment			
Smoke protection			
Acoustic insulation		31 – 32 dB	29 dB
Safety		RC 2	RC 2
Door leaf			
Leaf thickness	in mm	40	46
Sheet thickness	in mm	0,8	0,8
Glazing			
Thin rebate			
Thick rebate		●	●
Rebate		3-sided	4-sided
Number of security bolts		1	3
Hinges and closing devices (standard)			
2 galvanized three-part hinges WF with securing pin		●	
3 two-part guide rollers, 3-way adjustable (180 mm)			●
Locks (standard)			
Multiple-point locking, prepared for profile cylinder with additional bolts		●	
Mortise lock and additional bolt lock			
Multiple-point locking (5-point)			●
Approved size range			
Nominal size	Width	625 – 1250	832 – 1250
	Height	1700 – 2250	1875 – 2250
Clear frame dimension	Width	561 – 1186	
	Height	1668 – 2218	
Structural opening	Width	635 – 1260	
	Height	1705 – 2255	

Product data sheet for security doors

Subject to changes!

Product type		
Product name		Si-F
Basis		
Approval no.		without approval
Approved for fitting in:		
Brickwork		●
Concrete		●
Gas concrete stone slabs or precision blocks, DIN 4165, strength class G4 / GP4		
Gas concrete slabs, reinforced, horizontal DIN 4165, strength class G4		
Prefabricated walls / fire walls		
Additional standard functions		
Thermal insulation $U = W/(m^2 \cdot K)$		
Climatic class acc. to RAL RG 426		
Stress class acc. to RAL RG 426		
Additional functions with corresponding equipment		
Smoke protection		
Acoustic insulation		
Safety		
Door leaf		
Leaf thickness	in mm	40
Sheet thickness	in mm	0,8
Glazing		
Thin rebate		
Thick rebate		●
Rebate		3-sided
Number of security bolts		1
Hinges and closing devices (standard)		
2 galvanized three-part hinges WF with securing pin		●
Locks (standard)		
Multiple-point locking, prepared for profile cylinder with additional bolts		●
Approved size range		
Clear frame dimension	Width	561 – 1186
	Height	1668 – 2218

Notes and sketches

Product data sheet
for security doors

Notes and sketches

Brand quality for residential and commercial construction

The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly-specialised factories using state-of-the-art production technologies. Furthermore, our employees work intensively on new products, continual further developments and improvements to details. The results are patents and one-of-a-kind products you can depend on.

