







BSC, Aluminium

Approved models / Technical specifications

Resistance class		T30		F30	
Type		BSC T30-1	BSC T30-2	BSC F30	
Models	Doors and wall units with glazing				
	Doors can be combined with wall units – in any transom spacing				
	Transoms – vertical	≤ 2	≤ 2 for each leaf	any	
	Transoms – horizontal	≤ 5	≤ 5 for each leaf	any	
Unit division	Slants	–	–	•	
	Arches	–	–	•	
	Recesses	–	–	•	
	Angles	–	–	•	
	Widening	•	•	•	
Dimensions	Shell dimension (W x H) (greater dimensions possible using frame variants)	min. door size	630 x 1740	1355 x 1740	W = unlimited ¹⁾ H ≤ 4000
		max. door size 1	1516 x 2383	2666 x 2383	
		max. door size 2	1366 x 2683	2366 x 2683	
		H (with fanlight)	≤ 3490	≤ 3490	
	Frame outer dimension (W x H) (greater dimensions possible using frame variants)	min. door size	600 x 1725	1325 x 1725	W = unlimited ¹⁾ H ≤ 3980
		max. door size 1	1486 x 2368	2636 x 2368	
		max. door size 2	1336 x 2668	2336 x 2668	
		H (with fanlight)	≤ 3475	≤ 3475	
Clear passage at 180° opening (W x H)	min. door size	464 x 1657	1189 x 1657	–	
	max. door size 1	1350 x 2300	2500 x 2300	–	
	max. door size 2	1200 x 2600	2200 x 2600	–	
Door leaf	Structural depth	72	72	72	
	View	142	142 / 164	68 / 90	
	Base height	90, 136, 142, 150, 180, 210, 240, 284, 300		68, 90, 142, 172	
	Transom projection width	vertically 90	90	90, 150	
	horizontally	90, 150	90, 150	90, 150	
Glued transom / Extra strip profile	–	–	–		
Walls	Masonry	≥ 115	≥ 115	≥ 115	
	Concrete	≥ 100	≥ 100	≥ 100	
	Foam mortar (FOD _{max} = FOD – 15 mm)	≥ 175	≥ 175	≥ 175	
	Partition walls	≥ 100	≥ 100	≥ 100	
	Door / glazing combination	•	•	•	
	Z-frames	•	•	–	
Fillings	Contraflam 90-N2 (W x H max.)	–	–	–	
	Pyrostop 30-1x, 30-2x, 30-3x (W x H max.)	1400 x 2400	1400 x 2000	1400 x 2000	
		2000 x 1400	2000 x 1400	2000 x 1400	
		1200 x 2262	1200 x 2262	1200 x 2262	
		1082 x 2478	1082 x 2478	1082 x 2478	
	Fanlight door (W x H max.)	2576 x 1000	2576 x 1000	–	
		2000 x 1400	2000 x 1400	–	
	Panelling	1124 x 2104	1124 x 2104	1250 x 2000 2000 x 1250 1200 x 2262	
		Glass / panelling	•	•	•
		Glass use	Wet glazing	–	–
Dry glazing	•		•	•	
Design variants	with fanlight & side part	FOD height	≤ 3480	–	
	with fanlight	FOD height	≤ 3480	–	
	with side part	FOD width	unlimited ¹⁾	unlimited ¹⁾	
	Smokeproof door as per DIN 18095 (in combination with DIN 4102)	•	•	–	
	Approval numbers	Z-6.18-1605	Z-6.18-1606	Z-19.14-1176	