



Highly flame-resistant steel door

E₁60-C5-S_a „Teckentrup 62“ 1lf. door

Classification Fire-resistant closure as outside door with CE-labelling (acc. to EN 16034 / 14351-1)

Text example:

E₁60-1-C5-S_a, fire protection closure - classification acc. EN 16034 / 14351-1. Single leaf door element. Type of handling DIN right. Door leaf 62 mm thick with thin rebate, 3-sided rebated. corner frame 1.5 mm thick with 3-sided rebated, without floor recess. Door leaf and frame galvanised and prime coated, grey white similar RAL 9002. Mortise lock with latch function PC-perforated. FP-round handle set, black (plastic). Handle pivoted on bearing with tumbler (Bb) insert and 1 Bb key. 1 spring hinge and 1 construction hinge with ball bearing. „Teckentrup 62“ or equivalent.

(compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.06.2023)

Technical data

Classification	E ₁ 60-C5-S _a , Classification fire resistant closure as outside door with CE-labelling (acc. EN 16034 / 14351-1)	
Driving rain impermeability	Retractable bottom seal class 5A opening outwards	
Heat insulation acc. EN ISO 10077-1	Sheet thickness 1.0 mm:	U _D = 1,3 W/m ² K in conjunction with bottom floor closure / without glazing
Wind load resistance EN 12210	Depending on the desired bottom floor closure class C3 - class C5	
Air permeability	Version rebate type thin rebate:	Class 3 Class 4
Differential climate behaviour	climate class	2(d) / 2(e)
Installation in	<ul style="list-style-type: none"> ▪ masonry min. 115 mm ▪ concrete min. 115 mm ▪ aerated concrete min. 150 mm - aeratec concrete stones - for reinforced aerated concrete min. 150 mm 	
Approved dimensions	Modular dimension	W 625 - 1500 mm H 1750 - 2500 mm
Type of handling	DIN right or DIN left	
Door leaf	Double skinned: thin rebate Door: 3-sided rebated Door leaf thickness: 62 mm Sheet thickness: 1.0 mm Security bolt: per leaf min. 2	
Frame	<ul style="list-style-type: none"> ▪ corner frame 1.5/2.0 mm thick, ▪ with 3-sided seal ▪ without floor recess ▪ fastening by exposed masonry mounting. Special equipment: <ul style="list-style-type: none"> ▪ block-, counter- or closed frame ▪ frame with floor recess 	
Floor closures	<ul style="list-style-type: none"> ▪ retractable bottom seal ▪ sliding threshold seal ▪ buffer strip and seal Floor seal retrofittable.	
Surface	Door leaf and frame galvanised and prime coated, Grey white similar RAL 9002 Special equipment: <ul style="list-style-type: none"> ▪ RAL of choice 	
Hinges and closing device	<ul style="list-style-type: none"> ▪ 1 spring hinge and 1 CO-hinge or ▪ 2 CO hinges with ball bearing ▪ 1 top door closer 	

Fittings	<ul style="list-style-type: none"> ▪ Mortise lock with latch function PC-perforated ▪ FP-round handle set, black (plastic). Handle pivoted on bearing with tumbler insert and 1 Bb-key
Glazing	Fire resistant glass, clear, rectangular glazing, with aluminium-glass holding strips. Max. pane size 741 x 1658 mm. Special equipment: <ul style="list-style-type: none"> ▪ Rectangular glazing, aluminium glass holding strips in stainless steel design ▪ Rectangular glazing, glass holding strips in stainless steel ▪ Round glazing-glass holding strips made of galvanised steel, prime coated or stainless steel
Special equipment	<ul style="list-style-type: none"> ▪ Handle sets / Lever/Knob sets <ul style="list-style-type: none"> - plastic - light metal - stainless steel - with short plate or rose escutcheon (various makes) ▪ Prepared for rose escutcheon ▪ Panic/ bar handle ▪ Locks <ul style="list-style-type: none"> - panic locks ▪ Profile cylinder 40.5 + 40.5 mm ▪ Top door closer <ul style="list-style-type: none"> - hinge-/opposite hinge side - with slide rail - with locking device - with smoke detector ▪ Electrical door opener ▪ Integrated lock inspector (bolt contact) ▪ Integrated opening indicator (reed contact) ▪ Revolving door drives ▪ Hold open device ▪ 3D-hinges

Standard sizes	Ordering dimensions / modular dimensions width x height	Clear passage sizes (corner frame) width x height
	875 x 2000	791 x 1958
	2125	2083
	1000 x 2000	916 x 1958
	2125	2083
	1125 x 2000	1041 x 1958
	2125	2083
	1250 x 2000	1166 x 1958
	2125	2083
	2250	2208

(Special sizes: from 625 x 1750 mm to 1500 x 2500 mm)

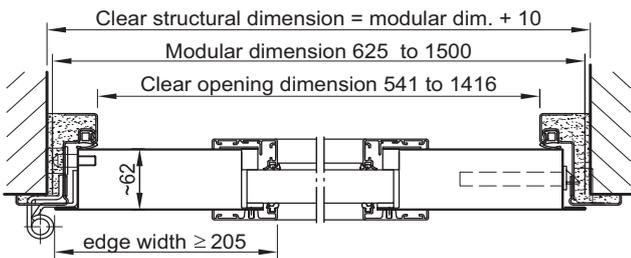
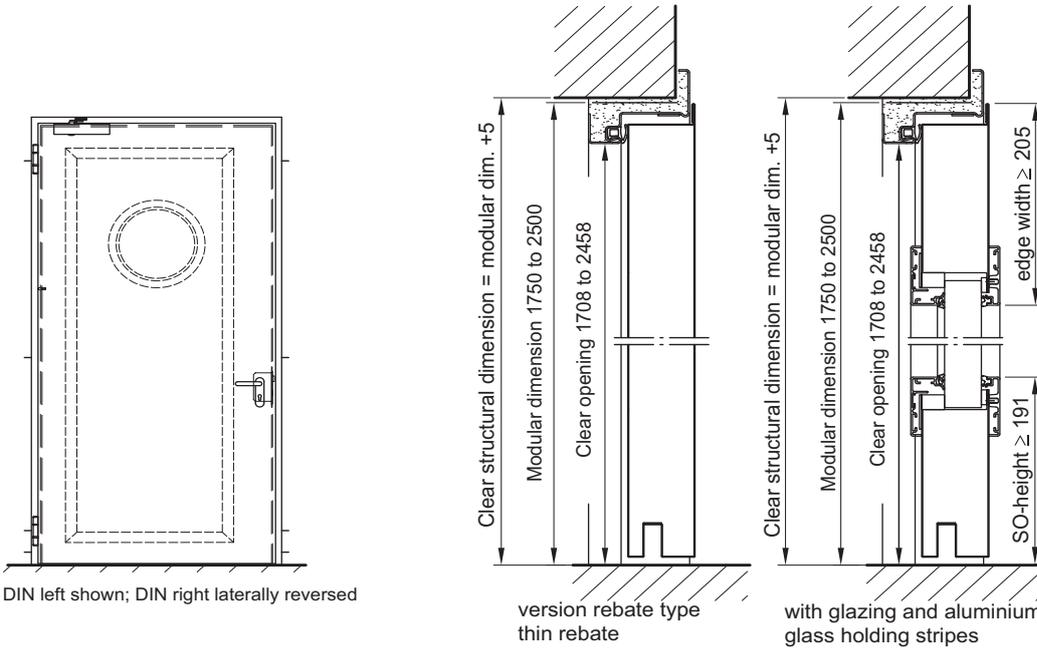
Further qualifications (special versions):	 Smoke proof acc. EN 1634-3/ with TDC, for solid walls	 Sound insulated acc. EN 20140/717 part 1 up to RW 33dB depending on door structure and bottom seal	 Burglar resistant acc. EN 1627-RC 2, RC 3
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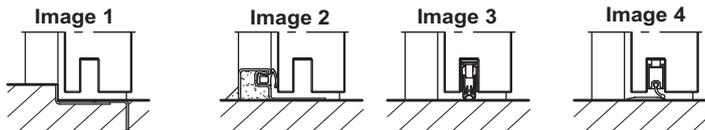
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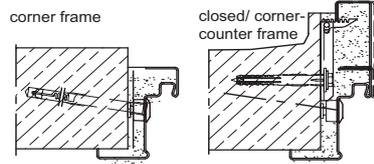
Floor connections:

- Image 1: with bottom buffer
- Image 2: with bottom buffer/seal
- Image 3: with retractable bottom seal
- Image 4: with sliding threshold seal

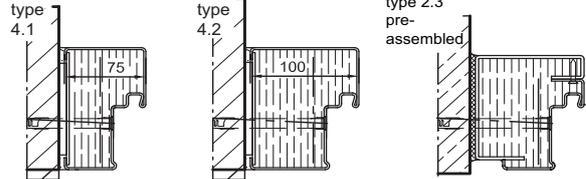


Installation in masonry/ concrete walls
wall thickness ≥ 115 mm

Exposed masonry mounting

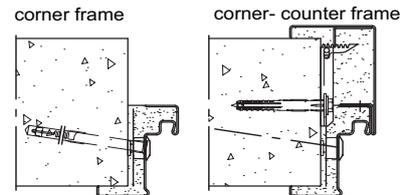


flush edge installation

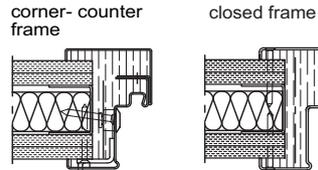


Installation in aerated concrete walls
wall thickness ≥ 150 mm

Exposed masonry mounting



Assembly walls



Installation in concealed steel support

