



Fire-resistant steel door T 30-1-FSA „Teckentrup 42“

Door with thin rebate

Text example:

T 30-1-FSA Steel-Fire-resistant door tested. Single leaf door element. Type of handling DIN right. Door leaf 42 mm thick, 3-sided rebated. Corner frame 2.0 mm with 3-sided seal, without floor recess. Door leaf and frame galvanised and prime-coated, grey-white, similar to RAL 9002. Mortise lock prepared for profile cylinder. 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 42“ or equivalent.

(Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.03.2021)

[Text online T30-1_42](#)

Technical data

Technical approval	Z-6.20-1956 tested for installation in internal walls. Heat insulation value (without glazing), $U_D = 1,5 \text{ W/m}^2\text{K}$	
Installation in	<ul style="list-style-type: none"> ▪ Masonry min. 115 mm ▪ Concrete wall min. 100 mm ▪ Lightweight construction stud wall* min. 88 mm <ul style="list-style-type: none"> - Autoclaved aerated concrete (AAC) - AAC stones min. 115 mm - Reinforced AAC walls min. 115 mm ▪ Concealed steel- and wooden supports F60 	
	* min. \geq F 30 or in acc. with general building authority test certificate. Approved wall types see register "installation details".	
Approved dimensions	Modular dimension	B 625 - 1500 mm H 1750 - 4000 mm
Type of handling	DIN right or DIN left	
Door leaf	Double skinned, 3-sided rebated	thin rebate Thickness: 42 mm Sheet thickness: 1.0 mm Security bolt: min. 1
Frame	Corner frame 2.0 mm thickness with 3-sided seal, without floor recess fitted. Fastening by exposed masonry mounting. Special equipment: <ul style="list-style-type: none"> ▪ Block frame / counter frame or closed frame (Installation in lightweight construction stud wall/ autoclaved aerated concrete: counter frame or closed frame required) ▪ Frame with floor recess 	
Floor closure	<ul style="list-style-type: none"> ▪ Retractable bottom seal ▪ Sliding threshold seal ▪ Buffer strip and seal ▪ Retrofittable bottom seal 	
Surface	Trap door/door leaf and frame galvanised and prime-coated grey-white, similar to RAL 9002	
Hinges and closing devices	<ul style="list-style-type: none"> ▪ 1 spring hinge and 1 CO hinge with ball bearing ▪ Compensation rings for height adjustment Special equipment: <ul style="list-style-type: none"> ▪ 2 CO hinges with ball bearing and 1 top door closer 	
Fittings	<ul style="list-style-type: none"> ▪ Mortise lock prepared for profile cylinder ▪ FP round handle set, black (plastic). Handle pivoted on bearing with tumbler(Bb) insert and 1 Bb-key. 	

Special equipment

- Handle sets/lever/knob sets:
 - Plastic
 - Light metal
 - Stainless steel
 - with short plate or rose escutcheon (various makes)
- Prepared for rose escutcheon
- Panic bar
- Locks:
 - Panic locks
 - Block lock (must be provided)
- Profile cylinder 30,5 + 30,5 mm
- Top door closer DIN EN 1154
 - hinge/opposite hinge side - with slide rail
 - with hold open device
 - with smoke detector
 (for installation in lightweight construction stud walls / in autoclaved aerated concrete walls with TDC)
- Electric door opener
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (reed contact)
- Hold open device

	Ordering dim./ modular dimension width x height	Clear passage sizes (corner frame) width x height
Standard	750 x 2000	680 x 1965
	2125 x 875	2090
sizes	1875	805 x 1840
Steel door	2000	1965
	2125	2090
	1000 x 2000	930 x 1965
	2125	2090
	1125 x 2000	1055 x 1965
	2125	2090

(Special sizes: from 625 x 1750 to 1125 x 2250 mm)

Further qualifications
(Special equipment):



Smoke proof in accordance with EN 1634-3/ DIN 18095 with TDC, for solid walls- and lightweight construction stud walls



Sound insulated in acc. with DIN EN 20140/717- 1
RW 37dB with bottom buffer strip
RW 37dB with retractable bottom seal
RW 37dB with sliding threshold

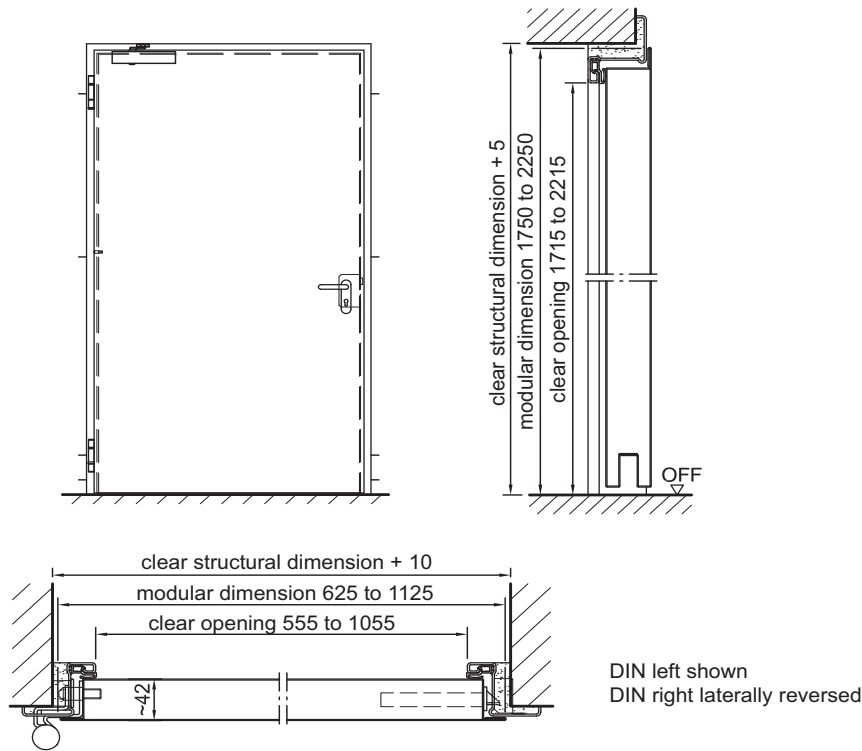


Burglar resistant
in acc.to
DIN ENV 1627-WK2



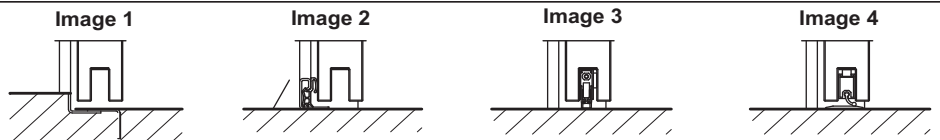
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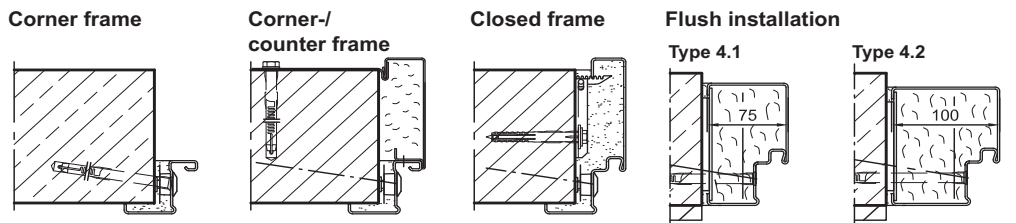
Floor connections

- Image 1:** with bottom buffer strip
- Image 2:** with bottom buffer strip/seal
- Image 3:** lower bottom seal (smoke protection with TDC)
- Image 4:** with sliding threshold seal



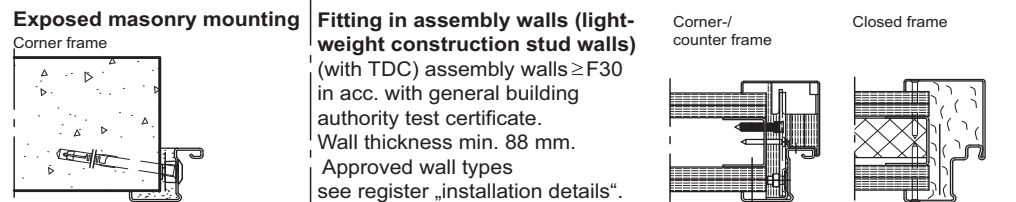
Installation in masonry-/concrete walls

exposed masonry mounting
concrete walls ≥ 100 mm
masonry walls ≥ 115 mm



Installation in autoclaved aerated concrete walls

(doors with TDC)
Made of auto. aerated concrete blocks or reinforced auto. aerated concrete thickness min. 115 mm.



Installation in concealed steel support
F60



Please find a detailed installation overview in the planning-, installation- and maintenance manual for 1-leaf and 2-leaf doors.