



Fire resistant steel door T 30-2-FSA „Teckentrup 42“

Text example:

T 30-2 FSA fire-proof steel door tested in accordance with EN 1634-1 (DIN 4102). Double-leaf door element. Flush mounted door leaf without hinge stamping. Active door leaf DIN right. Door leaf 42 mm thick, rebated on 3 sides. Corner frame 2 mm thick, with 3-sided seal. Door leaf/Frame galvanized and powder coated, similar to RAL 9002 (Grey white). Active door leaf with mortice lock with latch lever in accordance with DIN 18250, prepared for profile cylinder. Black plastic handle set, handle pivoted on bearing, with tumbler insert (Bb) and 1 Bb key. Inactive door leaf with espagnolette bolt lock. 4 two-piece KO-hinges with ball bearings, 2 top door closer. 1 door selector. 2 Security bolts per leaf.

„Teckentrup 42“ or equivalent.

(Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 1st June 2017)

Technical Data

Building authority approval	Z-6.20-1923 tested in accordance with EN 1634-1 (DIN 4102) for installation in internal walls	
Installation in	<ul style="list-style-type: none"> ▪ Masonry min. 115 mm ▪ Concrete min. 100 mm ▪ Lightweight construction stud walls* min. 88 mm • Autoclaved aerated concrete walls <ul style="list-style-type: none"> - as per DIN 4165 min. 115 mm - reinforced type min. 115 mm ▪ covered steel or wood beams F60 	
	* min. ≥ F 30 as per DIN 4102 part 4 or in accordance with general building authority test certificate. For permissible walls refer to the installation detail tab.	
Approved dimensions	Modular dimensions:	W 1375 – 2250 mm H 1750 – 2250 mm
Handing	DIN right or DIN left	
Door leaf	double skinned, Thin rebated on 3 sides Door leaf thickness: 42 mm Sheet thickness: 1 mm Security bolts per side: 2 Insulation: Mineral fibre board	
Frame	Corner frame 2.0 mm thick, with 3-sided seal and bottom sill. Frame fixed with 3 screws per side. Special equipment: <ul style="list-style-type: none"> ▪ block frame, counter or closed frame. ▪ with floor recess ▪ For installation in lightweight construction stud wall/autoclaved aerated concrete: counter frame or closed frame required 	
Surface	Galvanized and powder coated door leaf/frame similar to RAL 9002 (Grey white)	
Hinges and closing devices	<ul style="list-style-type: none"> ▪ 2 KO hinges with ball bearings per leaf ▪ 2 top door closer DIN EN 1154 ▪ 1 door selector ▪ Compensation rings for height adjustment 	
Fittings	Active door leaf: <ul style="list-style-type: none"> ▪ Mortice lock with latch lever as per DIN 18250, prepared for profile cylinder Black plastic handle set, handle pivoted on bearing, with tumbler insert (Bb) and 1 Bb key Inactive door leaf: <ul style="list-style-type: none"> ▪ espagnolette bolt lock in the central rebate profile, upward and downward locking 	

Special equipment

- Handle sets / lever/knob sets:
 - plastic - light metal
 - stainless steel
 - with short plate or rose escutcheon (various makes)
 - prepared for rose escutcheon
 - locks:
 - Profile cylinder 30,5 + 30,5 mm
 - safety catch with safety catch handle on the opposite hinge side
 - Panic locks
 - Block lock (must be provided)
 - Panic bar
 - Top door closer DIN EN 1154
 - head assembly
 - with locking device
 - with smoke detector
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (Reed contact)
 - Hold-open devices
 - Floor seals

	Ordering dimensions/ modular dimensions	Clear passage size (corner frame)
	Width x Height	Width x Height
Standard sizes	750 x 2000	666 x 1961
	2125	2086
	875 x 1875	791 x 1836
	2000	1961
	2125	2086
	1000 x 2000	916 x 1961
	2125	2086
	1125 x 2000	1041 x 1961
	2125	2086
	1250 x 2000	1166 x 1961
	2125	2086
	2250	2211

(Special sizes: from 1375 x 1750 to 2250 x 2250)

Further qualificationsn
(Special equipment):



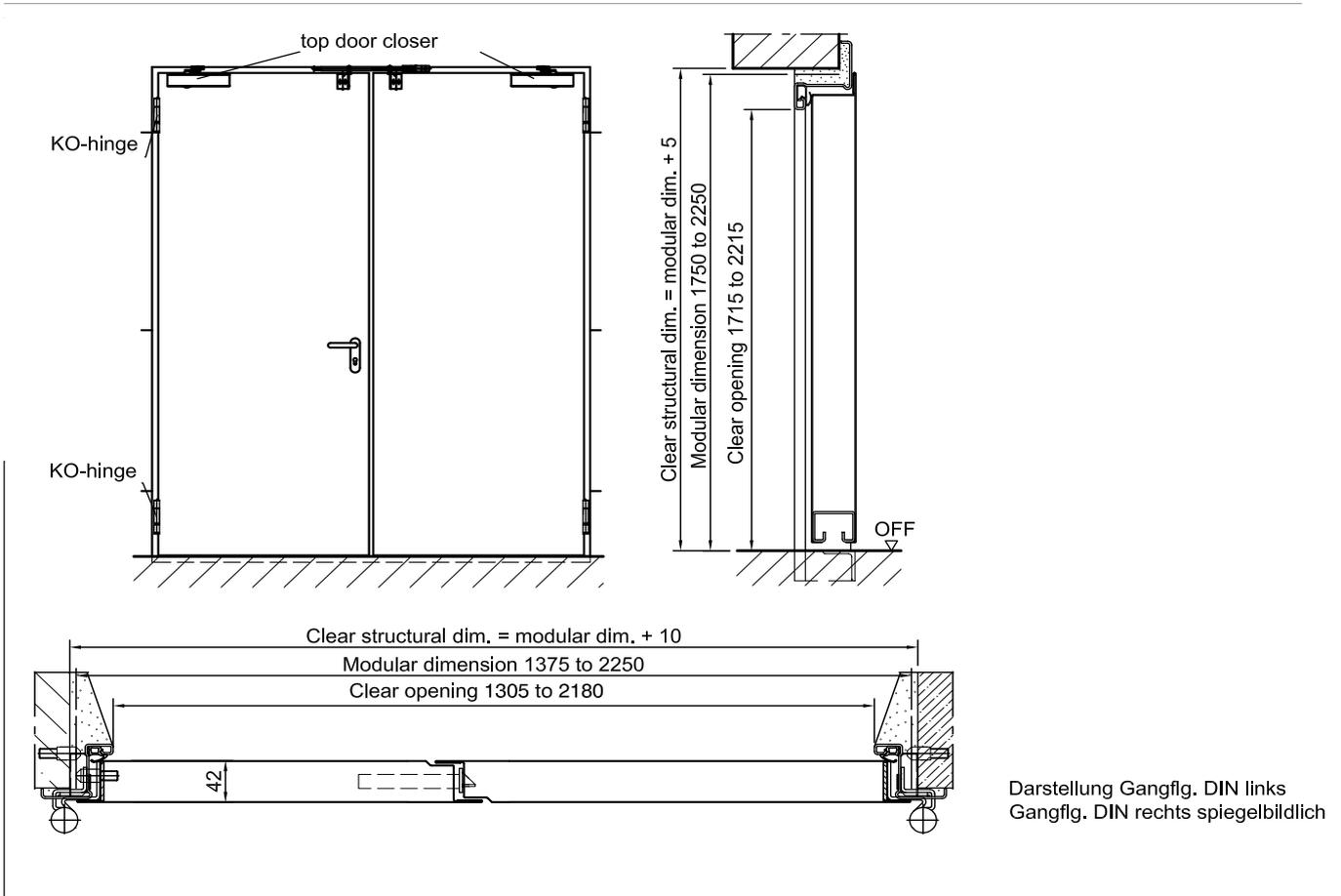
Smoke proof in accordance to 1634-3/ DIN 18095 for solid and lightweight construction stud walls



Sound insulation as per DIN EN 20140/717 part 1
RW 40 dB with bottom buffer and seal
RW 38 dB with retractable floor seal
RW 38 dB with sliding threshold seal

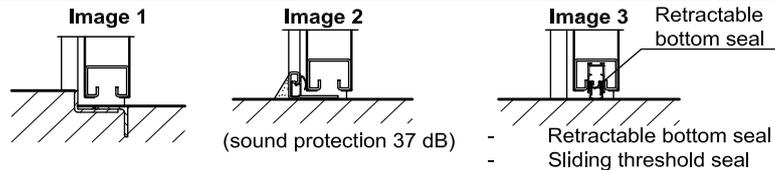


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Floor connections:

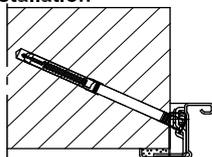
Image 1: With bottom buffer
 Image 2: With bottom buffer/seal
 Image 3: With bottom seal
 (smoke-proof door with top door closer)



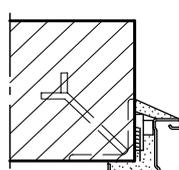
Installation in masonry/ concrete walls

concrete walls ≥ 100 mm
 masonry walls ≥ 115 mm

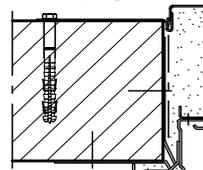
Exposed masonry installation



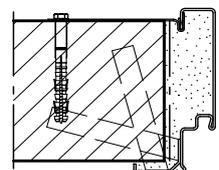
Weld-on assembly



Wall plug assembly

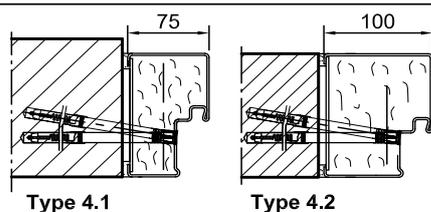


Wall anchor assembly



Installation with block frame

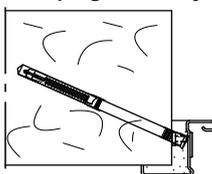
Flush installation between concrete walls ≥ 100 mm
 masonry walls ≥ 115 mm



Installation in autoclaved aerated concrete walls

(doors with top door closer). Made of autoclaved aerated concrete blocks or high precision units in acc. with DIN 4165 strength class 4 min. 115 mm or made of reinforced autoclaved aerated concrete slabs strength class 4. Wall thickness ≥ 115 mm

Wall plug assembly



Installation in lightweight construction stud walls

(doors with top door closer) min. F30 in acc. with DIN 4102 Part 4 or in acc. with general building authority test certificate wall thickness min. 100 mm. For permissible walls refer to the Installation details tab.

