



Fire-resistant steel door T30-2-FSA „Teckentrup 62“

Door with thin-. thick rebate, optionally with glazing, optionally with top light/upper casing

Text example:

T30-2-FSA fire-proof steel door tested as per EN 1634-1. Double leaf door element. Handling DIN right. Flush mounted door leaf with thin rebate, 62 mm thick, 3-sided rebated. Corner frame 1.5 mm thick with 3-sided seal, without floor recess. Door leaf and frame galvanised and prime coated, grey white similar to RAL 9002. Active leaf mortise lock with latch lever PC-perforated acc. DIN 18250. FP-round handle set, black (plastic). Handle pivoted on bearing with tumbler insert (Bb) and 1 Bb-key. Inactive leaf with espagnolette bolt lock with standard top locking. 2 CO-hinges with ball bearing and 1 top door closer. 1 door selector. „Teckentrup 62“ or equivalent. (Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.03.2021)
[Text online](#) [thin rebate](#) [thick rebate](#)

Technical data

Building authority approval:	Z-6.20-1923 Door with thin rebate, Z-6.20-2275 door with thick rebate acc. EN 1634-1 for installation in interal walls.
Installation in	<ul style="list-style-type: none"> ▪ masonry min. 115 mm ▪ concrete min. 100 mm ▪ lightweight constructionstud wall* min. 88 mm ▪ autoclaved aerated <ul style="list-style-type: none"> - concrete stones min. 115 mm - reinforced type min. 115 mm ▪ covered steel- and wood beams F60 <p>* assembly walls ≥ F 30 in acc. with general building authority test certificate. For permissible walls refer to the installation details</p>
Approved dimensions	<p>Modular dim. thin rebate: B 1375 - 3000 mm H 1750 - 4000 mm with top casing/top light up to H 4600 mm</p> <p>Modular dim. thick rebate: B 1375 - 3000 mm H 1750 - 3500 mm with top casing/top light up to H 3750 mm</p>
Handing	DIN right or DIN left
Door leaf (double skinned)	<p>Rebate type, 3-sided rebated thin-. thick rebate</p> <p>Door leaf thickness: 62 mm</p> <p>sheet thickness: 1.0 mm or 1.5 mm</p> <p>> MD-height > 3000 mm only 1.5 mm</p> <p>Security bolt: per leaf min. 1</p>
Heat insulation	<p>Heat transfer coefficient acc. EN ISO 12567-1 (without glazing) (thin-. / thick rebate)</p> <p>sheet thickness 1.0 mm: $U_D = 1,4 / 1,2 \text{ W/m}^2\text{K}$</p> <p>sheet thickness 1,5 mm: $U_D = 1,5 / 1,4 \text{ W/m}^2\text{K}$</p> <p>in conjunction with bottom floor closure</p>
Floor closure	<ul style="list-style-type: none"> ▪ retractable bottom seal ▪ sliding threshold seal ▪ buffer strip and seal <p>Floor seal retrofittable</p>
Frame	<p>Corner frame 1.5/2.0 mm thick with 3-sided seal, without floor recess. Fastening by exposed masonry mounting</p> <p>Special equipment:</p> <ul style="list-style-type: none"> ▪ block frame, counter frame, closed frame or TSM (for dry and fast installation)- frame ▪ frame with floor recess
Surface	<p>Door leaf/frame galvanised and prime coated, grey white similar RAL 9002</p> <p>Special equipment:</p> <ul style="list-style-type: none"> ▪ RAL of choice
Hinges and closing devices	<ul style="list-style-type: none"> ▪ 2 CO hinges with ball bearing per leaf ▪ 2 top door closer ▪ 1 door selector ▪ compensation rings for height adjustment
Fittings	<p>Active leaf:</p> <ul style="list-style-type: none"> ▪ mortise lock with latch lever PC-perforated FP-round handle set, black (plastic). handle pivoted on bearing with tumbler insert and 1 Bb-key - (thin rebate: MD 2501 - 3000 mm, equipped with multi point locking (triple)) <p>Inactive leaf:</p> <ul style="list-style-type: none"> ▪ Inactive leaf with espagnolette bolt and standard top locking.

Also available in **STAINLESS STEEL!**

Glazing	<p>Fire-Resistant glass clear F30 Typ 1-0, angular glazing standard with alu-glass pane holding strip.</p> <p>Max. glass dim.: thin rebate: 904 x 2150 mm thick rebate 1162 x 1912 mm</p> <p>round glazing (Ø 300, 400 and 500) with steel glass pane holding strip prime-coated grey-white, similar to RAL 9002.</p> <p>Special equipment:</p> <ul style="list-style-type: none"> ▪ angular glazing-alu-glass pane holding strips in stainless steel optic / ▪ angular-/round glazing- glass holding strips made of stainless steel ▪ flush mounted glazing (thin rebate)
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- / lock bar ▪ locks ▪ Panic locks <ul style="list-style-type: none"> - secured bolt lock - block lock (must be provided) ▪ Profile cylinder 40.5 + 40.5 mm ▪ Top door closer <ul style="list-style-type: none"> - hinge-/opposite hinge side - with slide rail - with hold open device - with smoke detector - ITS 96 (hidden) ▪ Electrical door opener ▪ Lock control (bolt contact) integrated ▪ Opening detector (reed contact) integrated ▪ Swing door operator ▪ Design profile FB ▪ 3D-hinges (with TDC)

	Ordering dim. / Modular dim. width x height	Clear passage sizes (corner frame) width x height
Standard Steel door	1500 x 2000	1416 x 1958
	2125	2083
	1750 x 2000	1666 x 1958
	2125	2083
	2000 x 2000	1916 x 1958
	2125	2083
	2500	2458
	2125 x 2125	2041 x 2083
	2250 x 2250	2166 x 2208
	2500 x 2500	2416 x 2458

(Special sizes: from 1375 x 1750 to 3000 x 4000)

Further qualifications (special equipment):



Smoke proof for solid walls and lightweight construction stud walls



Sound insulated up to MD 2500 x 2500 mm without glazing up to **RW 42 dB** with retractable bottom seal depending on door construction and equipment of the bottom seal



Burglar resistant RC 2 - RC 4 (thin rebate) RC 2 - RC 3 (thick rebate)



Fire-resistant steel door T30-2-FSA „Teckentrup 62“

Door with thin-. thick rebate, optionally with glazing, optionally with top light/upper casing

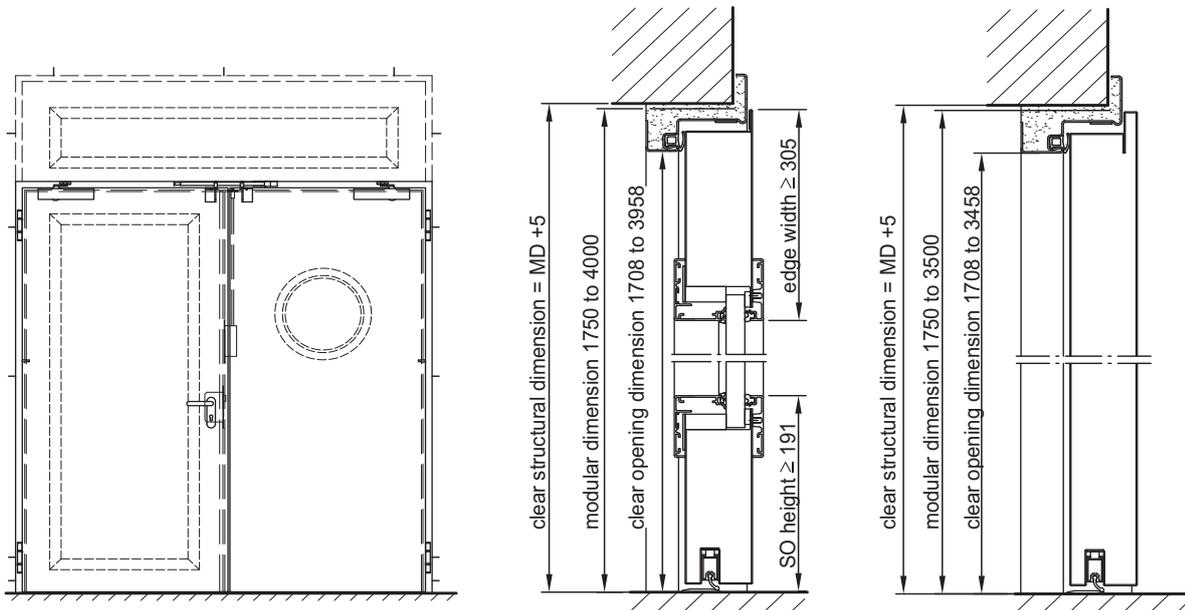


Image active leaf DIN left,
active leaf DIN right laterally reverse

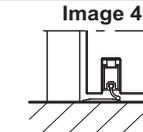
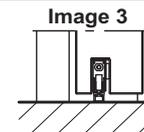
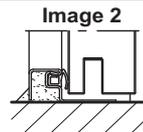
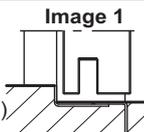
Version rebate type
thin rebate with glazing
and aluminium glass-holding strip

Version rebate type
thick rebate

Version thick rebate
MD 1375 to 3000 mm

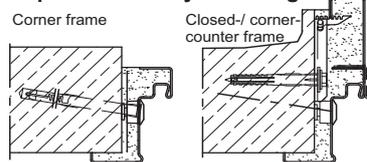
Floor connections

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

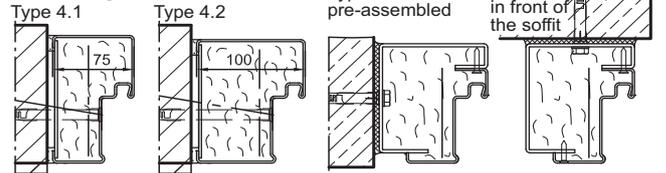


**Installation in masonry-
/concrete walls**
concrete walls ≥ 100 mm
masonry walls ≥ 115 mm

Exposed masonry mounting

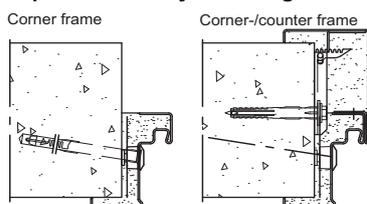


Flush edge installation

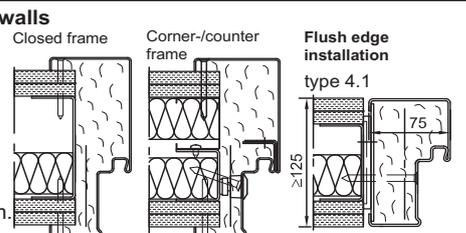


**Installation in autoclaved
aerated concrete walls**
(doors with TDC)
Made of auto. aerated
concrete blocks or
reinforced auto.aerated
concrete thickness
min. 115 mm.

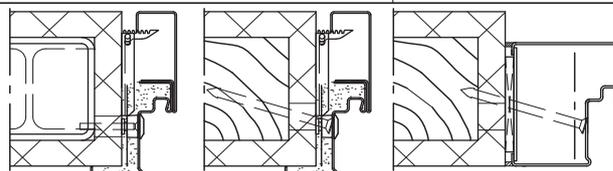
Exposed masonry mounting



Fitting in assembly walls
(as quick fit frame)
(doors with TDC)
assembly walls F30
in acc. with DIN 4102
Part 4 or in acc. with
general building au-
thority test certificate.
Wall thickn. min. 88mm.



**Installation in concealed
steel support F60
wooden support F60**



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