



## Highly flame-resistant steel trap door / door T 60-1-FSA „Teckentrup 62“

thin rebated, optionally with glazing

### Text example:

T 60-1-FSA fire-proof steel door tested as per EN 1634-1 (DIN 4102). Single-leaf door element, can be used right/left handed. Door leaf 62 mm thick, rebated on 3 sides, with seal. Corner frame 1.5 mm thick with 3-sided seal. Leaf and frame galvanized and prime coated in Grey white, similar to RAL 9002. 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. 1 spring hinge, 1 KO-hinge with ball bearing, 2 security bolts. "Teckentrup 62" or equivalent.

Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 1. March 2018.

### Technical data

<b>Building authority approval:</b>	Z-6.20-1910 tested as per DIN 4102 (EN1634-1) for installation in internal walls. Heat transfer coefficient as per EN ISO 12567-1 (without glazing) sheet 1,0 mm: $U_D = 1,3 \text{ W/m}^2\text{K}$	<b>Glazing</b>	Fire-resistant glass F 60". Max. pane size 741 x 1658 mm. Round glazing Ø 300, Ø 400 and Ø 500. Steel glass holding strip, galvanized and prime coated in Grey white, similar to RAL 9002.
<b>Installation in</b>	<ul style="list-style-type: none"> <li>Masonry wall min. 115 mm</li> <li>▪ Concrete wall min. 100 mm</li> <li>▪ Lightweight construction min. 100 mm stud wall</li> <li>▪ Autoclaved aerated concrete wall               <ul style="list-style-type: none"> <li>- as per DIN 4165 min. 150 mm</li> <li>- reinforced type min. 150 mm</li> </ul> </li> <li>▪ covered wood beams F 90</li> </ul> <p>* F 90 as per DIN 4102-4 or in accordance with general building authority test certificate. For permissible walls refer to the installation detail tab.</p>	<b>Special equipment</b>	<ul style="list-style-type: none"> <li>▪ Handle sets / Lever/Knob sets:               <ul style="list-style-type: none"> <li>- plastic - light metal</li> <li>- stainless steel</li> </ul> </li> <li>- with short plate or rose escutcheon (various makes)</li> <li>▪ prepared for rose escutcheon</li> <li>▪ locks               <ul style="list-style-type: none"> <li>profile cylinder 40,5 + 40,5 mm</li> <li>- panic locks</li> <li>block lock (must be provided)</li> </ul> </li> <li>top door closer DIN EN 1154               <ul style="list-style-type: none"> <li>- head assembly</li> <li>- with slide rail</li> <li>- with locking device</li> <li>- with smoke detector</li> <li>- ITS 96 (hidden)</li> </ul> </li> <li>▪ doors with glazing with top door closer</li> <li>▪ Electric door opener</li> <li>▪ Integrated lock inspector (bolt contact)</li> <li>▪ Integrated opening indicator (Reed contact)</li> <li>▪ Revolving door drives</li> <li>▪ Hold-open devices</li> <li>▪ Floor seals are retrofittable</li> </ul>
<b>Approved dimensions</b>	Modular dimension W 625 - 1250 mm H 650 - 2500 mm	<b>Ordering dimensions / (modular dimensions)</b>	<b>Clear passage size (corner frame)</b>
<b>Handing</b>	DIN right or DIN left	Width x height	width x height
<b>Door (trap door) leaf</b>	<ul style="list-style-type: none"> <li>▪ double skinned, <b>thin rebated</b></li> <li>▪ trap door 4-sided</li> <li>▪ Door rebated on three sides</li> <li>▪ Door leaf thickness: 62 mm</li> <li>▪ Sheet thickness: 1,0 mm</li> <li>▪ Security bolt: 2</li> </ul>	<b>Standard sizes</b>	666 x 791
<b>Frame</b>	Corner frame 1,5 mm thick, trap door with 4-sided, door with 3-sided seal. Frame fastening by exposed masonry mounting. Special equipment: <ul style="list-style-type: none"> <li>▪ block-, counter- or closed frame</li> <li>▪ with floor recess</li> </ul>	750 x 875	791 x 791
<b>Floor seals</b>	<ul style="list-style-type: none"> <li>▪ Retractable floor seal</li> <li>▪ sliding threshold seal</li> <li>▪ Buffer strip and seal</li> </ul> Floor seal retrofittable	875 x 875	916
<b>Surface</b>	Door leaf/Frame galvanized and prime coated, similar to RAL 9002 (Grey white)	1000	1166
<b>Hinges and closing devices</b>	<ul style="list-style-type: none"> <li>▪ 1 spring hinge 1 KO-hinge with ball bearing or</li> <li>▪ 2 KO-hinges with ball bearings and 1 top door closer</li> <li>▪ Compensation rings for height adjustment</li> </ul>	1000 x 1000	916 x 916
<b>Fittings</b>	<ul style="list-style-type: none"> <li>▪ Mortice lock with latch lever DIN 18250</li> <li>▪ Black plastic handle set, handle pivoted on bearing with tumbler insert (Bb) and 1 Bb-key</li> </ul>	1250	1166
		1250 x 1250	1166 x 1166
		<b>Standard sizes</b>	666 x 1958
		750 x 2000	2083
		875 x 2000	791 x 1958
		1000 x 2000	2083
		1000 x 2000	916 x 1958
		1125 x 2000	2083
		1125 x 2000	1041 x 1958
		1250 x 2000	2083
		1250 x 2000	1166 x 1958
		2125	2083
		2250	2208

(Special sizes: from 625 x 1750 to 1250 x 2500)

Further Qualifications  
(Special equipment):



Smoke proof in accordance to 1634-3/DIN 18095 with top door closer



Sound insulated in acc. with DIN EN 20140/717 Part 1  
**RW 33dB** with retractable floor seal  
**RW 33dB** with bottom buffer and seal  
**RW 33dB** with sliding threshold seal

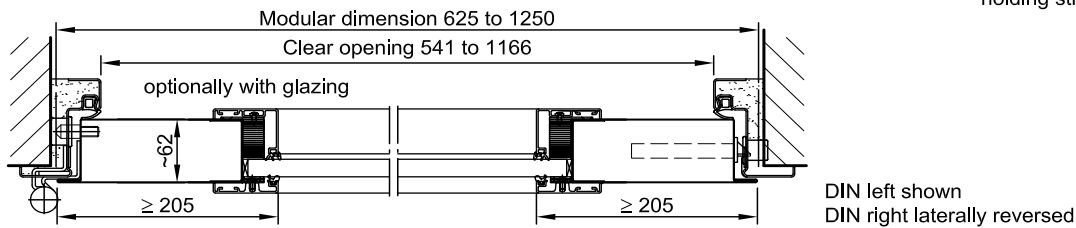
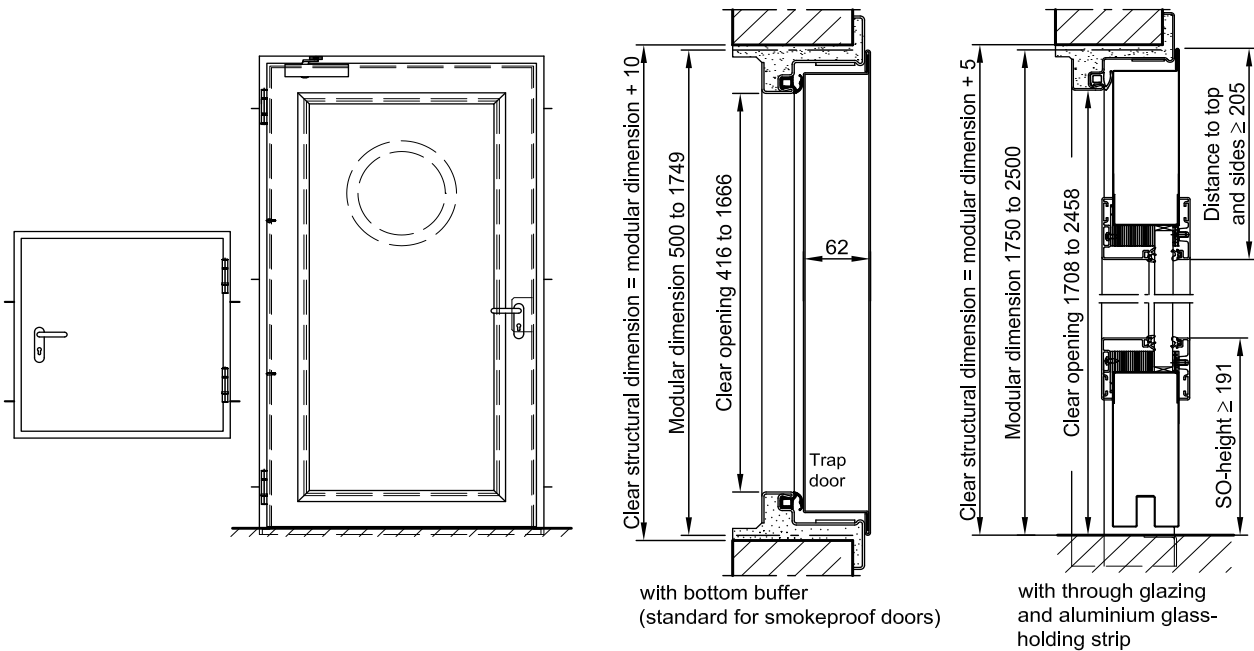


Burglar resistant in accordance with DIN EN 1627 - RC 2, RC 3



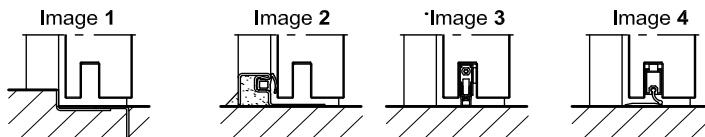
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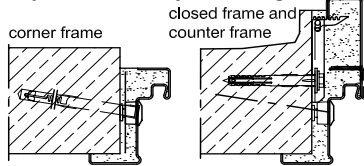
**Floor connections:**

- Image 1: With bottom buffer
- Image 2: With bottom buffer/seal
- Image 3: With bottom seal (smoke-proof door with top door closer)
- Image 4: sliding threshold seal

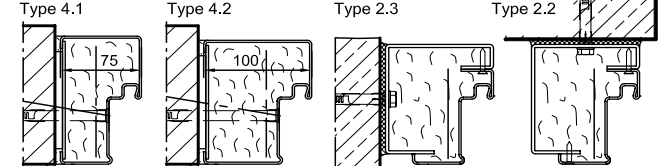


**Installation in masonry/ concrete walls**  
concrete walls  $\geq 100$  mm  
masonry walls  $\geq 115$  mm

**exposed masonry mounting**

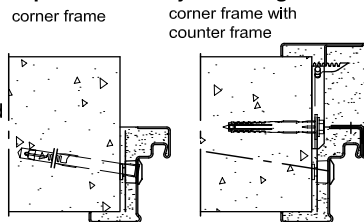


**Flush Installation**

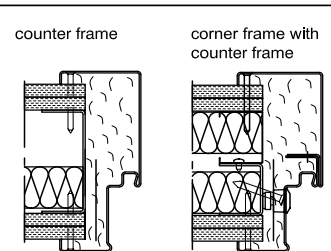


**Installation in autoclaved aerated concrete walls**  
(doors with top door closer)  
Made of autoclaved aerated concrete blocks or made of reinforced autoclaved aerated concrete slabs.  
Wall thickness min. 115 mm.

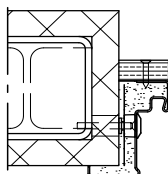
**exposed masonry mounting**



**Installation in lightweight construction stud walls** (doors with top door closer)  
Installation walls  $\geq$  F90 wall thickness 100 mm. For permissible walls refer to the installation details tab



**Installation on concealed steel supports**  
F90



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