



Fire resistant steel door T 30-1-FSA „Teckentrup 62“

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

Text example:

T 30-1-FSA Steel fire-resistant door tested in accordance with EN 1634-1. 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 seal, without floor recess. Door leaf and frame galvanized and galvanized 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 62“ or equivalent.

(Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.02.2021)

Technical data

Also available in **STAINLESS STEEL**

Technical approval	Z-6.20-1923 door with thin rebate, Z-6.20-2275 door with thick rebate tested in accordance with EN 1634-1 (DIN 4102) for installation in internal Walls. Heat insulation value tested in acc. with EN ISO 12567-1 (without glazing) Sheet thickness 1,0 mm: $U_D = 1,3 \text{ W/m}^2\text{K}$ Sheet thickness 1,5 mm: $U_D = 1,4 \text{ W/m}^2\text{K}$	Fittings	<ul style="list-style-type: none"> Mortise lock prepared for profile cylinder according to DIN 18250 FP round handle set, black (plastic). Handle pivoted on bearing with tumbler(Bb) insert and 1 Bb-key.
Installation in	<ul style="list-style-type: none"> Masonry min. 115 mm Concrete min. 100 mm Lightweight construction stud wall* min. 88 mm Autoclaved aerated concrete (AAC) <ul style="list-style-type: none"> - AAC stones min. 115 mm - Reinforced AAC min. 115 mm Concealed steel- and wooden supports F60 <p>* Assembly walls \geq F 30 in acc. with DIN 4102 Part 4 or in acc. with general building authority test certificate. Approved wall types see register "installation details".</p>	Glazing	<p>Fire-Resistang glass clear F30 Typ 1-0, angular glazing with alu-glass pane holding strip. Max. glass dim.: thin rebate: 904 x 2150 mm thick rebate: 1162 x 1912 mm</p> <p>Round glazing (\varnothing 300, 400 und 500) with steel-glass pane holding strip galvanized and prime coated, grey-white, similar to RAL 9002.</p> <p>Special equipment:</p> <ul style="list-style-type: none"> Rectangular glazing-alu-glass pane holding strip in stainless steel optic / Rectangular-/ round glazing-glass pane holding stripes made of stainless steel Flush-mounted glazing (thin rebate)
Approved dimensions	<p>Modular dimension thin rebate: W 500 - 1500 mm H 500 - 4000 mm with upper casing/top light up to H 4600 mm</p> <p>Modular dimension thick rebate: B 500 - 1500 mm H 500 - 3500 mm with upper casing/top light up to H 3750 mm</p>	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 Locks: <ul style="list-style-type: none"> - Panic locks - Block lock (must be provided) Profil cylinder 40,5 + 40,5 mm TDC DIN EN 1154 hinge/opposite hinge side <ul style="list-style-type: none"> - 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 drive Design profile-FB 3D-hinges (with TDC)
Type of handling	DIN right or DIN left		
Door leaf (double skinned)	<p>Rebate type: thin-thick rebate</p> <p>Trap door: 4-sided rebated</p> <p>Door: 3-sided rebated</p> <p>Thickness: 62 mm</p> <p>Sheet thickness: 1.0 mm or 1.5 mm</p> <p>> MD dimension 3000 mm only 1.5 mm</p> <p>Security bolt : min. - / 1</p>		
Frame	<p>Corner frame 1.5/2.0 mm thick, trap door 4-sided, door 3-sided with seal. Door without floor recess. Fixing of the frame by exposed masonry installation. Special equipment:</p> <ul style="list-style-type: none"> Block frame, counter frame, closed frame or TSM (dry and fast installation)-frame Frame with floor recess 		
Floor closure	<ul style="list-style-type: none"> Retractable bottom seal Sliding threshold seal With buffer strip and seal Retrofittable bottom seal 	Ordering dim. / Modular dimension	Clear passage sizes (corner frame)
Surface	<p>Door leaf/frame galvanized and prime-coated grey-white, similar to RAL 9002</p> <p>Special equipment:</p> <ul style="list-style-type: none"> RAL of choice 	Standard sizes (Stock sizes)	
Hinges and closing devices	<ul style="list-style-type: none"> 1 spring hinge and 1 construction hinge with ball bearing or 2 CO hinges with ball bearing and 1 TDC 	750 x 2000 2125	791 x 1958 2083
		875 x 1875 2000 2125	916 x 1958 2083
		1000 x 2000 2125	1041 x 1958 2083
		1125 x 2000 2125	1166 x 1958 2083
		1250 x 2000 2125 2250	2208

Further qualifications (Special equipment):



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



Sound insulated in acc. with DIN EN 20140/717-1 up to MD 1350 x 2500 mm without glazing up to **RW 42 dB** with retractable bottom seal depending on door structure and equipment of bottom seal



Burglar resistant in acc. to DIN EN 1627 - **RC 2 - RC 4** (thin rebate) **RC 2 - RC 3** (thick rebate)

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