

Single Wing T 30 (EI₂ 30-S₂₀₀C5) Fire Retardant Acoustic Door

Fire/ Smoke Protection	T30 (EI₂ 30-S₂₀₀C5) in accordance with DIN EN 1634-1 and 1634-3
Noise Control	R_{w,P} 57 dB in accordance with DIN EN ISO 10140-2

* Burglar Proof	RC2/RC3/RC4	in accordance with DIN V ENV 1627
* Shot Inhibiting	FB4, FB6, FB7-NS	in accordance with DIN EN 1522
* Air Tight	up to classification 4	in accordance with DIN EN 1026
* Rain and fire water tight	Class. 6A	in accordance with DIN EN 1027
* Wind tight	Class. C5	in accordance with DIN EN 12211
* Pressure resistant	up to 18 kPa	
* Explosion protection	up to zone 1/21	in acc. with DIN EN 1127-1 or ATEX 94/9/EG
* Stainless steel		
Range of Dimensions:	Width from 625 mm to 2000 mm Height from 1750 mm to 4000 mm	

(* special options see back of page)

Technical specification and text for invitation to tender

Product:	T30-1 (EI₂ 30-S₂₀₀C5) single wing fire retardant and smoke protection steel door brand Buchele in accordance with DIN EN 1634-1, DIN EN 1634-3 and DIN EN ISO 10140-2
Door Type:	T30-1 STB 57-1 POWER Line
Noise control R_{w,P}	57 dB
Dimensions: x mm
Door Leaf:	Double walled, level 105 mm thick steel door leaf without hinge embossing, three sides folded with thick rebate and adjustable fixed sealing profile in the fold. Without bottom stop with duplex tow sealing system. Special insulating inserts completely laid in and glued. Safety bolt screwed in door leaf fold.
Sill:	Threshold profile barrier-free hump sill. Surface galvanized welded to the frame.
Frame:	3-sided circumferential folded corner frame with visible black coated intumescent material in fold. High-quality multi-chamber sealing profile adjustable fixed in the three sided groove.
Hinges:	Threepart height-adjustable construction hinges with hinge pin retention and ball-bearing spacer ring for smooth door movement.
Door Closer:	Standard arm door closer according to DIN EN 1154 silver colored mounted on hinge side.
Fitting:	Worm tension lock in a solid design with robust lock worm, shock mounted striker plate and automatic false control barrier (FB-barrier). Lock prepared for installation of a profile cylinder supplied by customer. Clamping lever in aluminium F1 enforced design ergonomic design, fixed

rotatable on with square plate visible screwed to the door leaf.

Surface:

Door leaf and frame galvanized and primed with one component primer similar RAL 7001.

Mounting:

Delivery and professional assembly including filling of the cavities in the frame with mortar of group III.

Special Models

Standard Glazing:

F30 fire protection glazing held on two sides by profiled and visibly screwed steel glazing bars.

Minimum frieze width 125 mm side and top, base 340 mm.

Sound-reduction index max. $R_{w,P}$ max. 50dB

Burglary Protection:

RC 2, RC 3 or RC 4 safety package with safety fitting.

Bullet Proof:

FB 4-NS special inlay in door leaf and frame.

Airtight:

High-quality multi-chamber sealing profile adjustable fixed in the three sided groove of the frame in connection with a duplex tow sealing system or a stop seal.

Driving Rain Water tight:

High-quality multi-chamber sealing profile adjustable fixed in the three sided groove of the frame in connection with a duplex tow sealing system. or a stop seal.

Windproof

High-quality multi-chamber sealing profile adjustable fixed in the three sided groove of the frame in connection with a duplex tow sealing system. or a stop seal

Stainless Steel:

Material 1.4301 (V2A) or. 1.4571 (V4A),
Surface bright mill, brushed or mattet

