

Single Wing T 90 (EI₂ 90-SaC5) Fire Resistant Steel Door i.a. TL/TP TTT

Pressure Enforced	+/- 0,5 kPa	in accordance TL/TP TTT
Fire Protection	T90 (EI₂ 90-SaC5)	in accordance with DIN EN 1634-1
Smoke Control	RS (S₂₀₀)	in accordance with DIN EN 1634-3

Range of Dimensions: **Width from 625 mm to 1375 mm**
Height from 1750 mm to 2500 mm

* (special options see back of this page)

Technical specification and text for invitation to tender

Product:	T90-1 (EI₂ 90-SaC5) single wing fire resistant steel door brand Buchele in accordance with TL/TP TTT, DIN EN 1634-1 and DIN EN 1634-3	
Door Type:	PLANE Line PL 901 BASIC	
Pressure enforced:	+/- 0,5 kPa	
Dimensions: x mm	
Door Leaf:	Double walled, level 70 mm thick steel door leaf without hinge embossing, three sides folded with thick rebate without bottom stop. Special insulating inserts completely laid in and glued. Safety bolt screwed in door leaf fold.	
Sill:	Floor bracket as separation bar. Surface galvanized and 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:	Mortice lock with latch lever function in accordance with DIN EN 12209. Door handle set in accordance with DIN EN 179 firmly installed turnable stainless steel in U-shape with rounded short-plate without opening for profile cylinder.	
Surface:	Door leaf and frame made of stainless steel material 1.4571 surface bright mill.	
Mounting:	Delivery and professional assembly including filling of the cavities in the frame with mortar of group III.	
Installation:	Masonry	≥ 175 mm
	Concrete	≥ 140 mm

Special Models

Glazing:	F90 fireproof glazing held by profiled and visibly screwed steel glazing bars. Clearance glass measurements 400 x 1200 mm. Bottom edge glass 600 mm from finish floor.
Color:	Coating of door leafs in escape direction is green e.g. RAL 6018.
Marking:	Writing „Attention flowing traffic“in black letters on yellow background size 400 x 400 mm.
Escape Route Pictogram:	Size 400 x 400 mm attached top edge, however, max. 600 mm above bottom edge of door leaf. For doors with window or glazing pictogram is attached below glazing.
Surface:	Door leaf and frame galvanized and primed with one component primer similar RAL 7001.

