

The Art of Doors

PLANE Line PL 901

#### Single Wing T 90 (El<sub>2</sub> 90-SaC5) Fire Resistant Steel Door i.a. TL/TP TTT

**Pressure Enforced Fire Protection Smoke Control** 

+/- 2,0 kPa **RS (S**<sub>200</sub>)

in accordance TL/TP TTT T90 (El<sub>2</sub> 90-SaC5) in accordance with DIN EN 1634-1 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 (EI $_2$ 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: | +/- 2,0 kPa  |                      |
| Dimensions:        | x mm   |                      |
| Door Leaf:         | Double walled, level 70 mm thick steel door leaf without hinge embossing,<br>three sides folded with thick rebate without bottom stop.<br>Special insulating inserts completely laid in and glued.<br>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<br>intumescent material in fold.<br>High-quality multi-chamber sealing profile adjustable fixed in the three<br>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:           | 3-safety catches mortice lock in accordance with DIN EN 12209.<br>Door handle set in accordance with DIN EN 179 firmly installed turnable<br>steinless steel in U-shape with rounded short-plate without opening for<br>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<br>Concrete  | ≥ 175 mm<br>≥ 140 mm |



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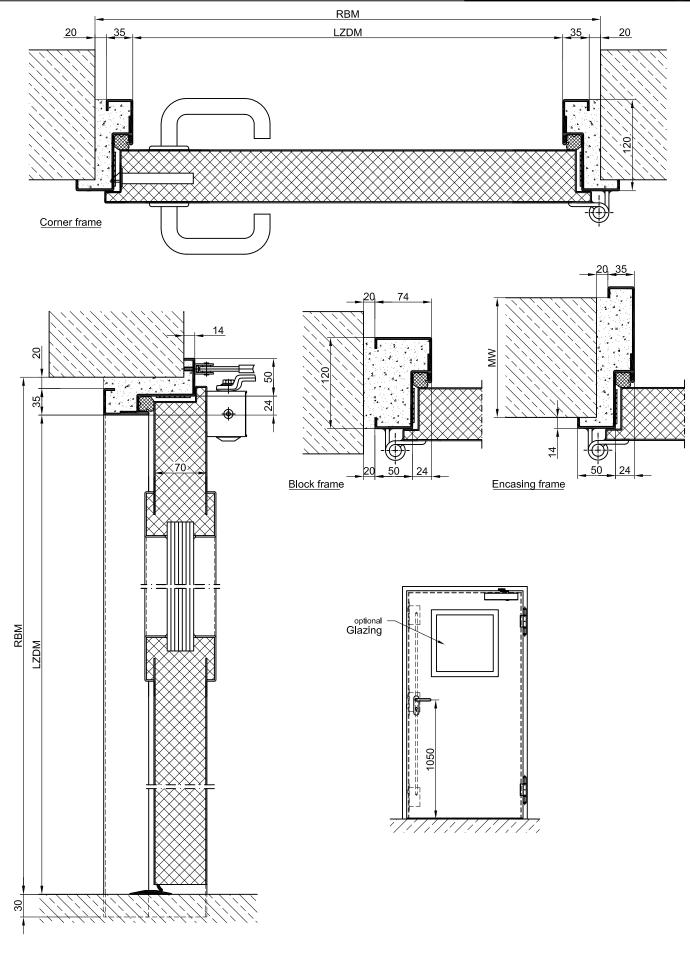
### **Special Models**

| Glazing:                | F90 fireproof glazing held by profiled and visibly screwed steel glazing<br>bars.<br>Clearance glass measurements 400 x 1200 mm.<br>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.   |



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Buchele GmbH • Industriestraße 3 • D-73061 Ebersbach/Fils • Tel. +49 7163 1001 0 • Fax +49 7163 1001 44