



T90-2 TSN-12

## Double Wing T 30 Fire Resistant Steel Door

| Fire Protection  | Т90  | in accordance with DIN 4102   |  |
|--|--|---|--|
| * Smoke Control<br>* Noise Control<br>* Burglar Proof<br>* Stainless Steel | RS<br>up to R <sub>w</sub> 42dB<br>RC2/RC3/RC4   | in accordance with DIN 18095<br>in accordance with DIN 52210<br>in accordance with DIN V ENV 1627   |  |
| Range of Dimensions:   |  | Width from  1375 mm to 3250 mm<br>Height from 1750 mm to 3250 mm  |  |
| * (special options see back of this  | page)  |   |  |
| Technical specification and text for invitation to tender                  |  |   |  |
| Product:   |  | T90-2 double wing fire resistant steel door brand Buchele in accordance with DIN 4102   |  |
| Door Type:   | T90-2 TSN-12 (Syst   | T90-2 TSN-12 (System Schröders)   |  |
| Dimensions:  | x mm   | x mm  |  |
| Door Leaf:   | three sides folded wi<br>Special insulating ins<br>Inactive door leaf wit                    | Double walled, level 70 mm thick steel door leaf without hinge embossing,<br>three sides folded with thin rebate without bottom stop.<br>Special insulating inserts completely laid in and glued.<br>Inactive door leaf with sealing profile adjustable fixed in the middle groove.<br>Safety bolt screwed in door leaf fold.   |  |
| Sill:  | Floor bracket as sep frame.  | Floor bracket as separation bar. Surface galvanized and welded to the frame.  |  |
| Frame:   | intumescent materia  | 3-sided circumferential folded corner frame with visible black coated intumescent material in fold. 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:   | colored mounted on   | 2 pieces Standard arm door closer according to DIN EN 1154 silver colored mounted on hinge side.<br>1 piece door coordinator device   |  |
| Fitting:   | with DIN EN 12209 (<br>provided by custome<br>Door handle set in a<br>synthetic material bla | Active door leaf with mortice lock with latch lever function in accordance<br>with DIN EN 12209 (prepared for installation of a profile cylinder lock<br>provided by customer).<br>Door handle set in accordance with DIN EN 1906 firmly installed turnable<br>synthetic material black in U-shape with rounded short-plate.<br>Inactive door leaf with espagnolette bolt lock in the central rebate profile. |  |
| Surface:   | Door leaf and frame similar RAL 7001.  | 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.   |  |
| Installation:  | in brick wall<br>in concrete   | $\geq$ 240 mm $\geq$ 140 mm $$ (from 2510/2510 mm $\geq$ 200 mm)  |  |



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## **Special Models**

**Smoke Protection:** 

**Sound Insulation:** 

Drop seal or stop sill.

Drop seal or stop sill.

**Burglary Protection:** 

Glazing:

**Stainless Steel:** 

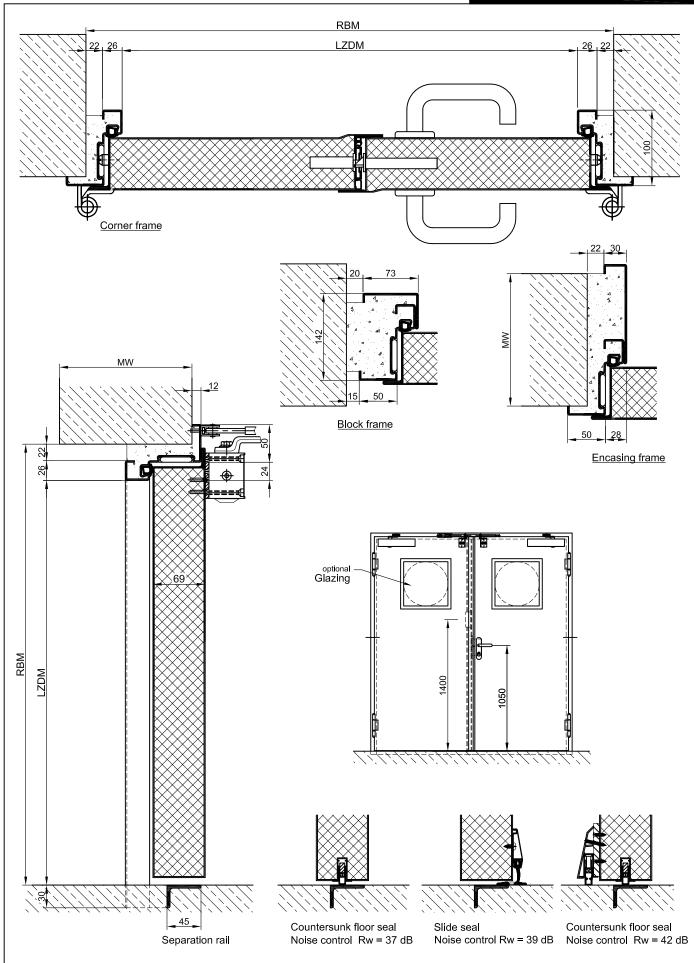
RC 2, RC 3 or RC 4 safety package with safety fitting.

F90 Fire protection glass, held by steel glass bars minimum frieze width circumferential 130 mm. max. glass size 940 x 1900 mm.

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







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