



# <u>Double Wing Transformer Station Door in accord. with DIN EN 62271-202</u> (VDE 0671-202)

\* Plane Optic

\* Burglar Proof RC2/RC3/RC4/RC5 in accordance with DIN EN 1627

\* Rain and Fire Water Tight Classification 6A in accordance with DIN EN 1027

up to 18 kPa

\* Pressure Resistant

\* Explosion Protection up to zone 1/21 in acc. with DIN EN 1127-1 or ATEX 94/9/EG

\* Glazing

\* Top Panel / Top Light

\* Stainless Steel

Range of Dimensions: Width from 1375 mm to 2500 mm Height from 1750 mm to 3000 mm

\* (special options see back of this page)

## Technical specification and text for invitation to tender

Product: PL 2 double wing transformer station door in accordance to

DIN EN 62271-202 (VDE 0671-202) brand Buchele

Door Type: PLANE Line PL 2 Trafo BASIC

Dimension:: .... x .... mm

**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.

**Ventilation Grille:** poke protected slanted double segments in profile frame with full-size

bird protection grid 10 x 10 mm

**Grounding:** Grounding connector between door leaf and frame

Sill: Floor bracket as separation bar. Surface galvanized and welded to the

frame.

Frame: 3-sided circumferential folded corner frame with 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.

Fitting: Active door leaf with pani lock with latch lever function in accordance with

DIN EN 12209 (prepared for installation of a profile cylinder lock provided

by customer).

Door handle set in accordance with DIN EN 1906 firmly installed turnable

synthetic material black in U-shape with rounded short-plate.

**Inactive door leaf** with espagnolette bolt lock in the central rebate profile.

Type PLANE Line PL 2 PREMIUM

Frame: Three sided circumferential folded PLANE Line special corner frame for

flush mounted optics on hinge side. With visible black coated intumescent material in fold. High-quality multi-chamber sealing profile adjustable fixed

in the three sided groove.

**Hinges:** Object hinges type VB-3D 160 adjustable in three dimentions. Reception





element with internal positioned slide bearings for smooth door movement.

#### Type PLANE Line PL 2 SUPERIOR

Frame: Three sided circumferential folded PLANE Line special corner frame for

flush mounted optics on hinge side. With visible black coated intumescent material in fold. High-quality multi-chamber sealing profile adjustable fixed

in the three sided groove.

**Hinges:** Concealed hinge system adjustable in three dimensions.

**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**

**Door Holder:** Buchele door holder mounted on lintel opposite of hinge side. When door

opens 90 ° it automatically locks. Locking can be released by push rod.

Panic Lock: Switch function B, forced locking function C, passing function D

**Burglary Protection:** RC 2, RC 3, RC 4 or RC 5 safety package with safety fitting.

**Driving Rain Water tight:** High-quality multi-chamber sealing profile adjustable fixed in the three

sided groove of the frame in connection with a drop seal or a stop seal.

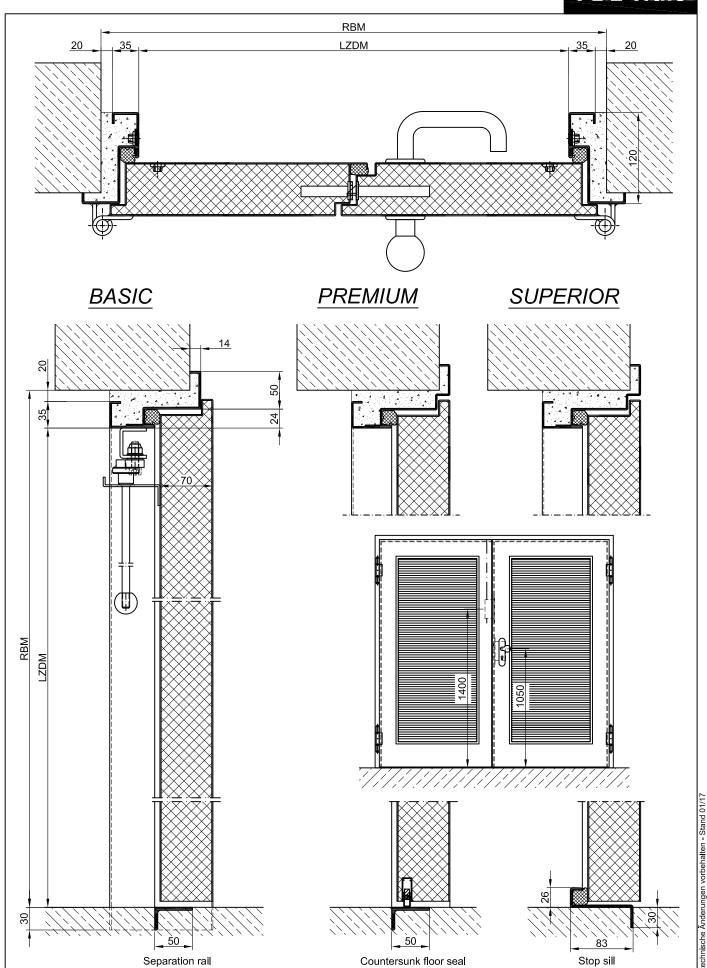
**Top Panel / Top Light:** Top panel built like door leaf

Top light with solid glazing (glazing type optional)

Stainless Steel: Material 1.4301 (V2A) or. 1.4571 (V4A),

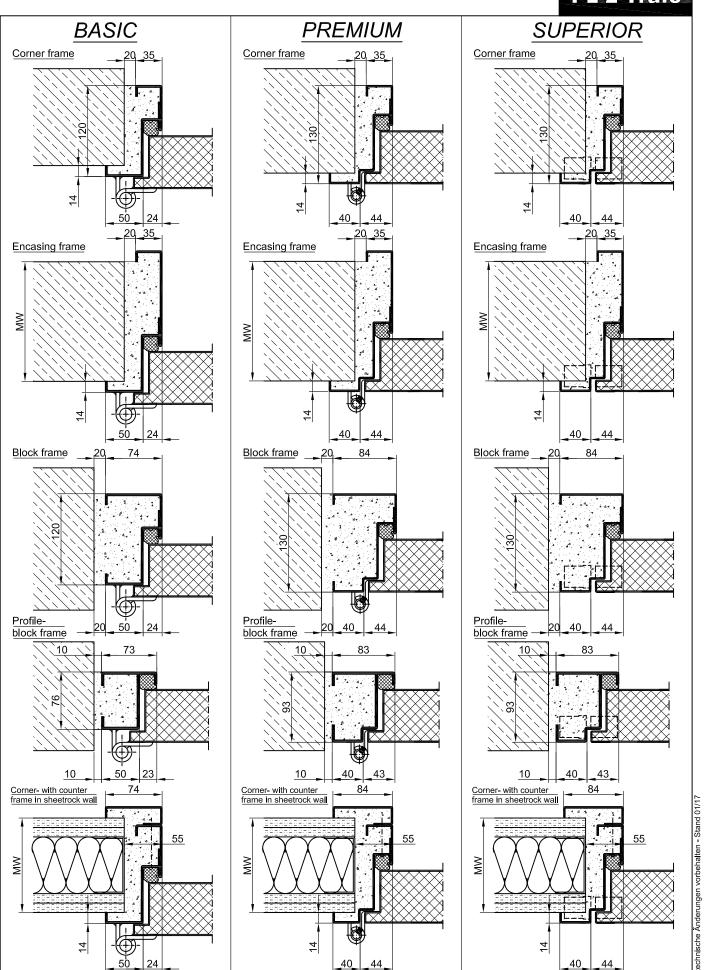
Surface bright mill, brushed or mattet











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