



## PLANE Line PL 1 (RC 2)

### Single Wing PLANE Line RC2 Burglar Proof Steel Door

Plane Optic

Burglar Proof RC2 in accordance with DIN EN 1627

\* Noise Control up to R<sub>W,P</sub> 54dB in accordance with DIN EN ISO 10140-2

\* Shot Inhibiting up to FB6 in accordance with DIN EN 1522

\* Air Tight Class. 4 in accordance with DIN EN 1026

\* Rain and Fire Water Tight

\* Wind tight

Class. 4

In accordance with DIN EN 1026

in accordance with DIN EN 1027

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 500 mm to 1500 mm Height from 500 mm to 3000 mm

(\* special options see back of page)

#### Technical specification and text for invitation to tender

Product: PL-1 single wing security steel door brand Buchele

in accordance with DIN EN 1627

Door Type: PLANE Line PL 1 BASIC

Burglar Proof: RC 2

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 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: 2-point safety locking system with latch lever function in accordance with

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

by customer).

Safety door handle set with DIN EN 18257 firmly installed turnable

aluminium F1 in U-shape with rounded protective plate.

Type PLANE Line PL 1 PREMIUM

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

flush mounted optics on hinge side. 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





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element with internal positioned slide bearings for smooth door movement.

#### Type PLANE Line PL 1 SUPERIOR

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

flush mounted optics on hinge side. High-quality multi-chamber sealing

profile adjustable fixed in the three sided groove.

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

**Door Closer:** Invisible cam-action door closer system in accordance with DIN EN 1154

integrated in frame and 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** 

Flush Glazing: PLANE Line triple special glazing P4A safety glazing flush with outer edge

door leaf on hinge side and opposite of hinge side border and elastic joint

glazing seal black RAL 9004.

Minimum frieze width 125 mm on side and top, base 300 mm

**Standard Glazing:** Regular glazing – or insulated glazing P4A held by steel glass bars.

Minimum frieze width 125 mm on side and top, base 300 mm

Emergency Door: With panic fitting in accordance with DIN EN 179 and 1125

**Ventilation Grille:** Burglar proof poke protected ventilation grille

inside with galvanized bird screen 10 x 10 mm

**Top Panel or Top Light:** Top panel built as tested door leaf

top light with burglar proof fixed glazing

**Sound Insulation:** Up to  $R_{w,p}$  54.

**Bullet Proof:** FB 4-NS or FB 6-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 drop seal 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 drop seal 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 drop seal or a stop seal

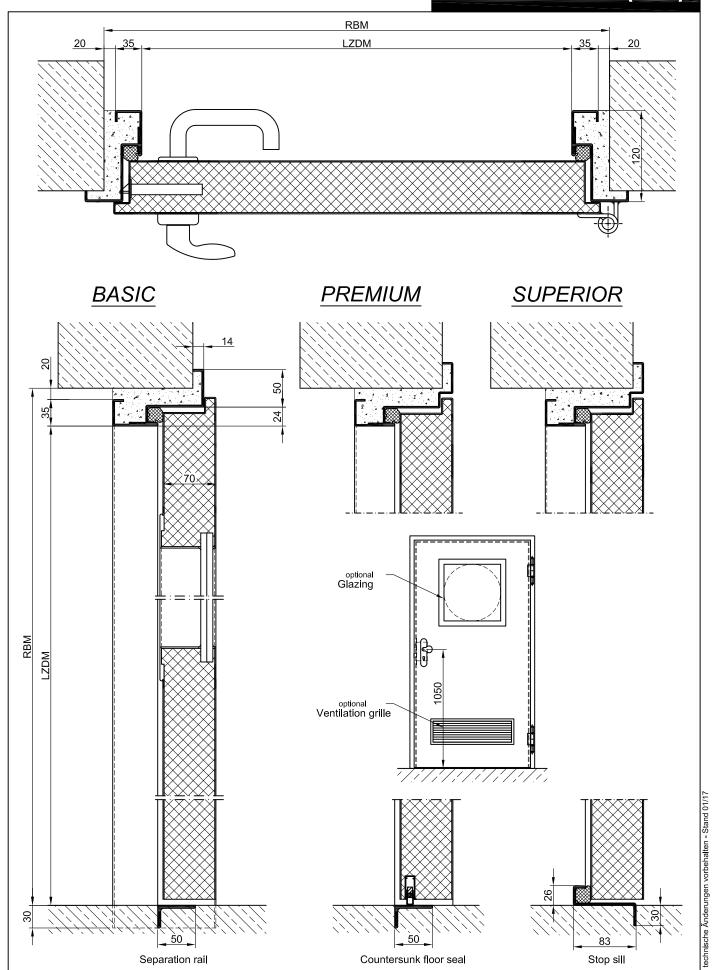
Stainless Steel: Material 1.4301 (V2A) or. 1.4571 (V4A),

Surface bright mill, brushed or mattet.



The Art of Doors

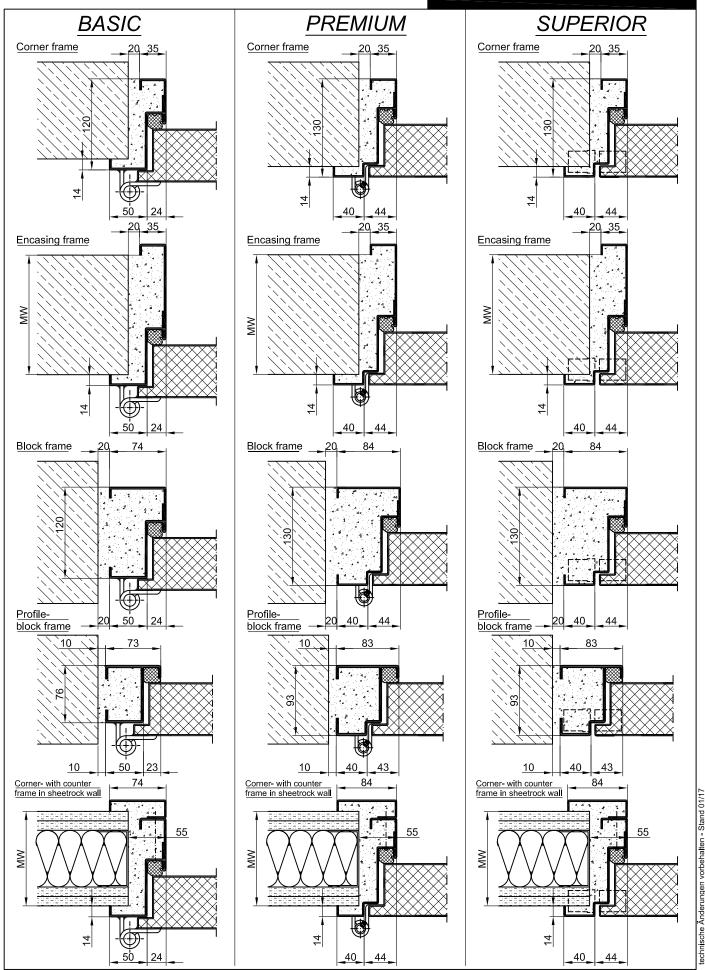
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