

Double Leaf PLANE Line Acoustic Gate

Sound Insulation

R_{w,P} 46 dB

tested acc. to EN ISO 10140-2

Optional Audited Additional Functions

- Burglar Protection	RC2/RC3/RC4/RC5	tested acc. to EN 1627
- Bullet Resistance	FB4-NS	tested acc. to EN 1522
- Air Tight	up to class 3	tested acc. to EN 12426
- Rain- and Fire-Water Tight	class 1	tested acc. to EN 12425
- Wind Load Resistance	class 4	tested acc. to EN 12424
- Blast Resistance	up to 8 kPa	tested acc. to EN 13124-1
- Explosion Protection	up to zone 1/21	acc. to EN 1127-1 or ATEX 2014/34/EU
- Stainless Steel		

Range of Dimension

Width from 3000 mm to 5000 mm

Height from 3000 mm to 5000 mm

Technical Specification and Tender Text

Product:	PL 2 XXL double leaf acoustic gate brand Buchele tested acc. to EN ISO 10140-2
Door Type:	PLANE Line PL 2 XXL BASIC
Sound Insulation R_{w,P}	46 dB
Structural Opening:	 x mm
Door Leaf:	Double-walled, planar 84 mm thick steel door leaf without hinge embossing, three sides rebated with thick rebate. Without bottom stop. Special insulating inserts fully inlaid and glued. Passive leaf with multi-chamber sealing profile in the middle rebate. Securing pin screwed in door leaf rebate. Drop sealing system.
Threshold:	Floor bracket as separation sill. Surface galvanized and welded to the frame.
Frame:	3-sided circumferential rebated corner frame. High-quality multi chamber sealing profile adjustable fixed in the three-sided groove.
Hinges:	Three-part, height adjustable construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.
Fitting:	Active leaf with mortise lock with latch lever function acc. to EN 12209 (prepared for installation of a profile cylinder lock, provided by customer). Door handle set in acc. to EN 1906 fixed pivoted synthetic material black in U-shape with rounded short-plate. Passive leaf with surface-mounted 2-point locking system operated by an espagnolette bolt with loop handle.
Surface:	Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

Alternative:

PLANE Line PL 2 PREMIUM with flush mounted optics

Frame:

3-sided circumferential rebated 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:

Three-part, height adjustable construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.

Supplementary Equipment

Glazing:

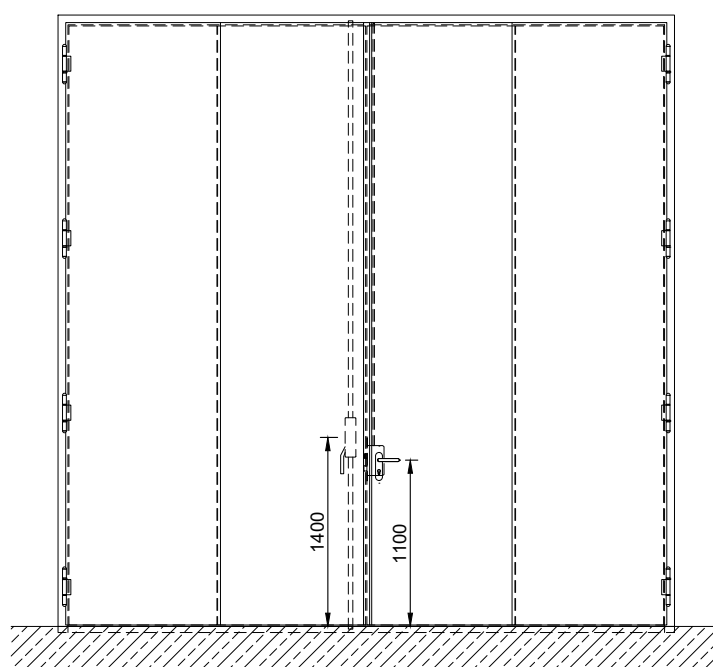
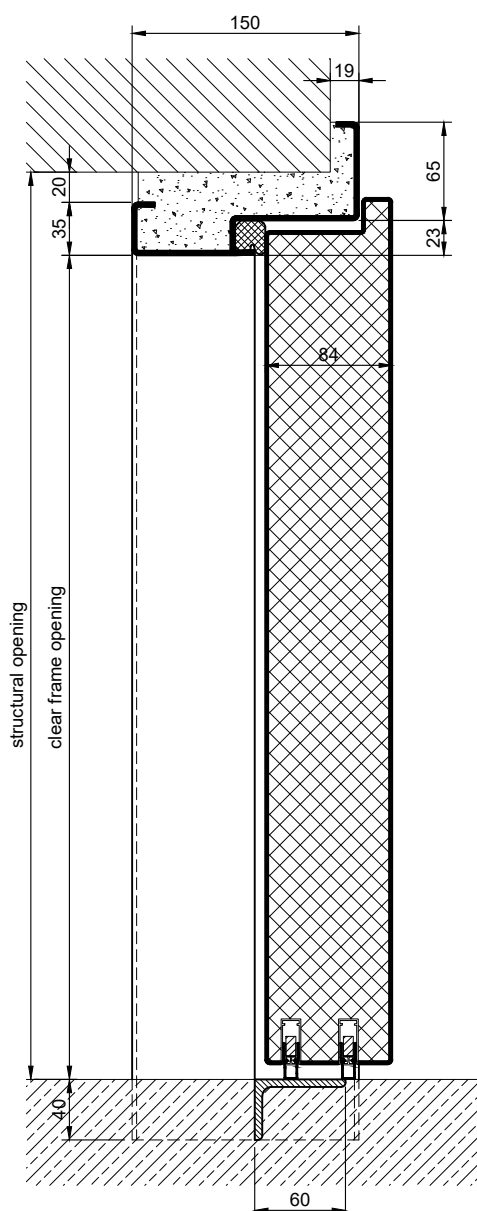
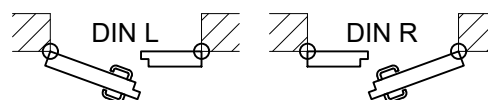
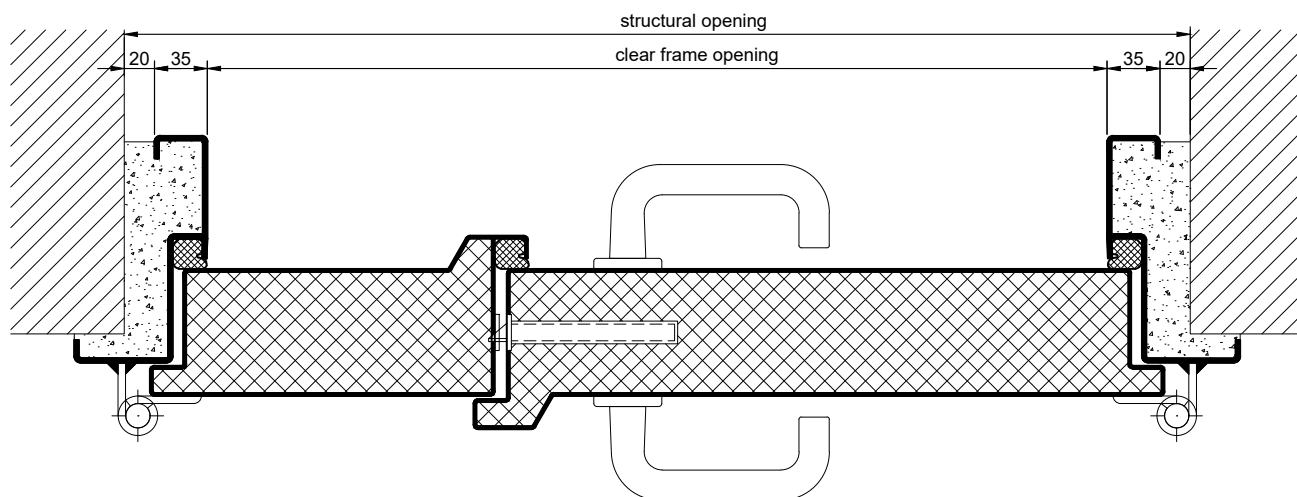
Single glazing or insulating glazing fixed with profiled and visible screwed steel glazing bars.
Minimum border 125 mm on side and top, base 300 mm.

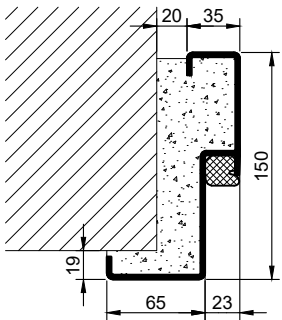
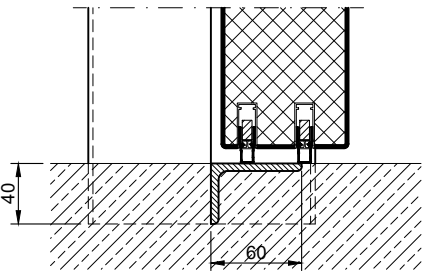
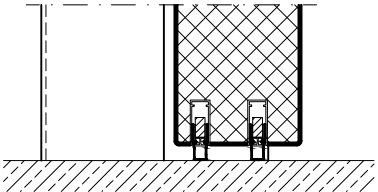
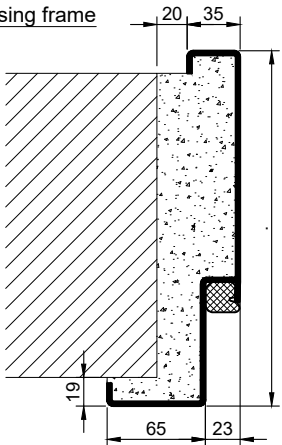
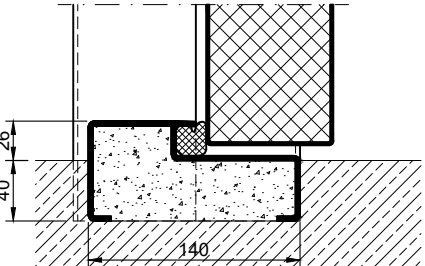
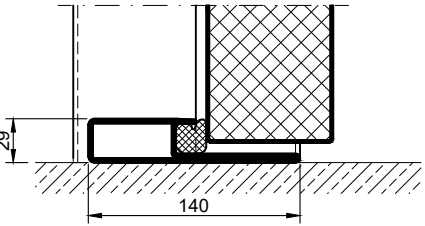
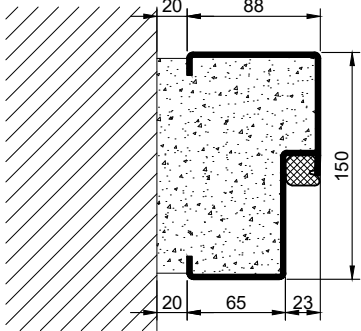
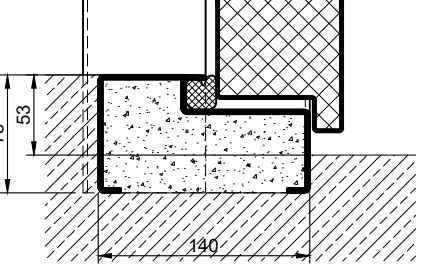
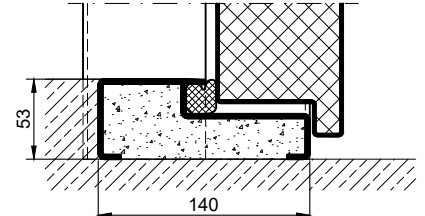
Stainless Steel:

Material 1.4301 (V2A) or 1.4404 (V4A),
Surface mill finished or brushed.

BUCHELE DELUXE:

The exclusive surface coating.



Frames	Thresholds	
corner frame 	drop seal  	
encasing frame 	stop sill with seal  	
block frame 	full sill  	
corner frame with counter frame 