

Single Leaf Multipurpose Gate

Optional Audited Additional Functions

- Sound Insulation	up to $R_{w,P}$ 54 dB	tested acc. to EN ISO 10140-2
- 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 4	tested acc. to EN 1026
- Rain- and Fire-Water Tight	class 6A	tested acc. to EN 1027
- Wind load Resistance	class 4	tested acc. to EN 1221
- 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 1500 mm to 2500 mm
Height from 3000 mm to 5000 mm

Technical Specification and Tender Text

Product:	PL 1 XXL single leaf multipurpose gate brand Buchele
Door Type:	PLANE Line PL 1 XXL BASIC
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 laid-in and glued. Securing pin screwed in door leaf rebate.
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:	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.
Surface:	Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

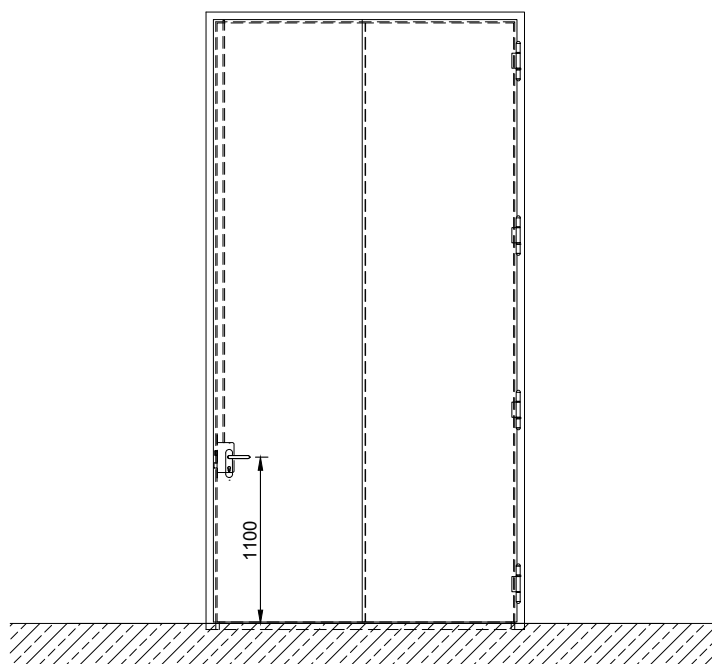
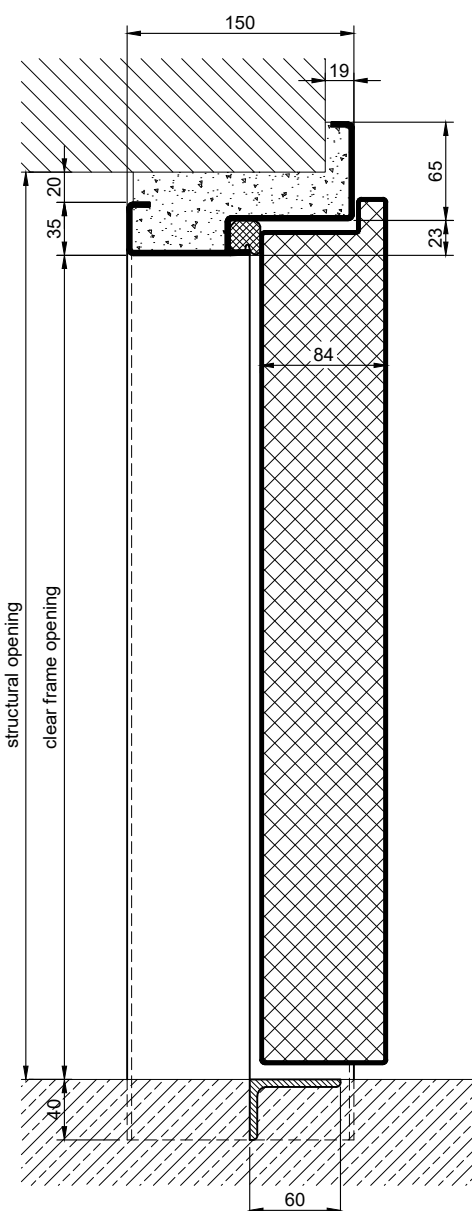
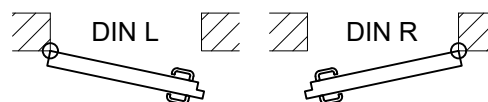
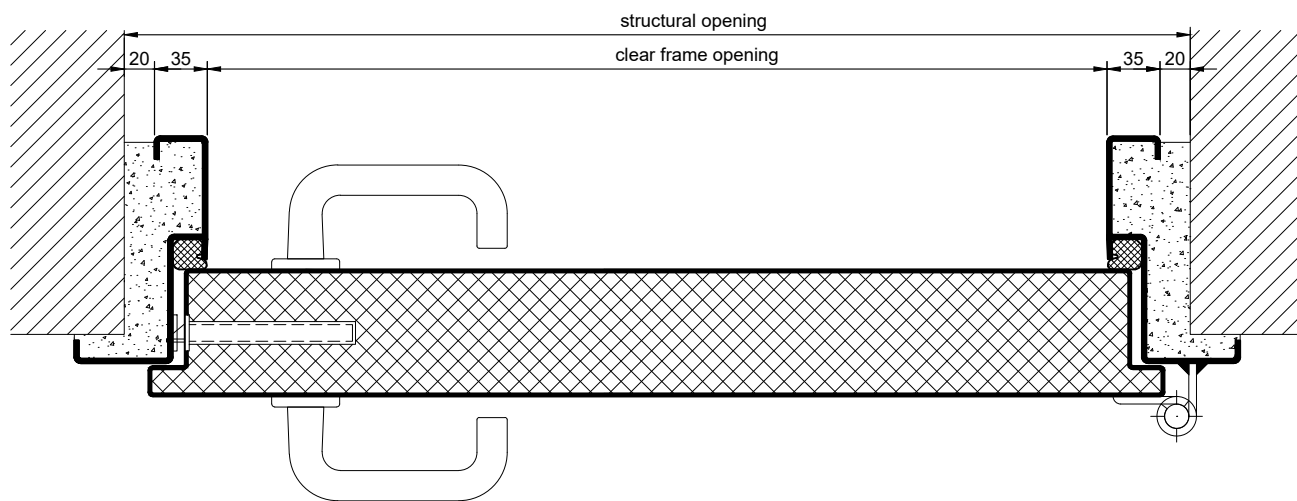
Alternative: PLANE Line PL 1 PREMIUM with flush mounted optics

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

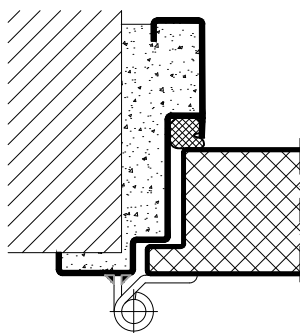
Glazing:	Single or insulating glazing fixed with profiled and visible screwed steel glazing bars. Minimum border 125 mm on side and top, base 300 mm.
Ventilation Grille:	Burglar resistant and poke-proof ventilation grill, fully backed with bird protection grille 10x10 mm inside.
Stainless Steel:	Material 1.4301 (V2A) or 1.4404 (V4A), Surface mill finish or brushed.
BUCHELE DELUXE:	The exclusive surface coating.

BASIC Version

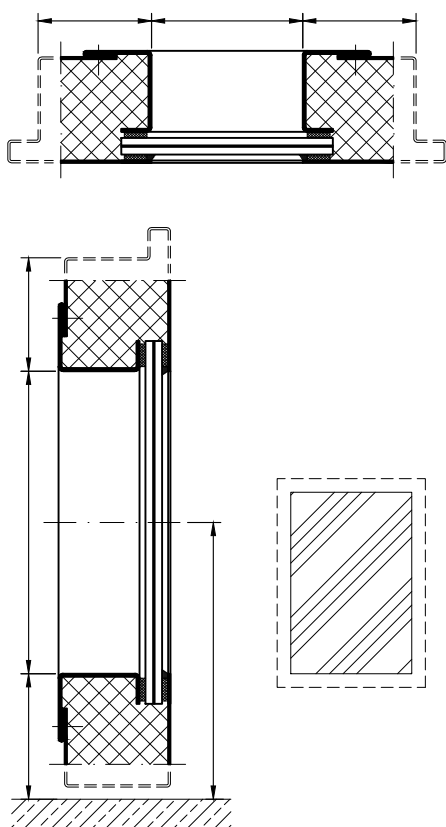


PREMIUM Version

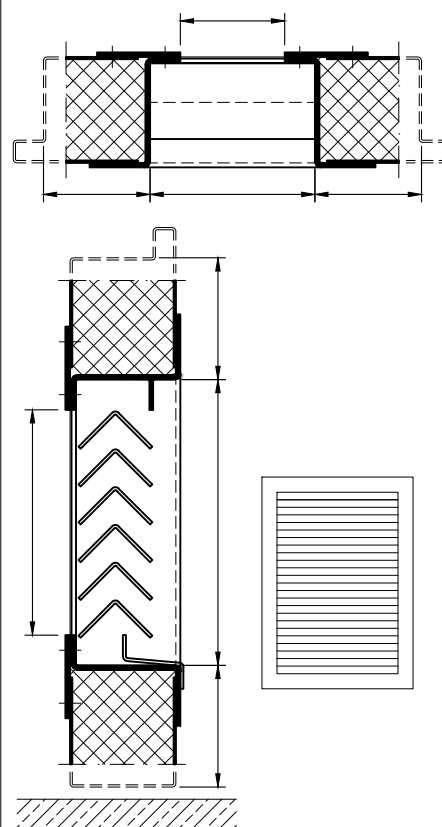
construction hinges



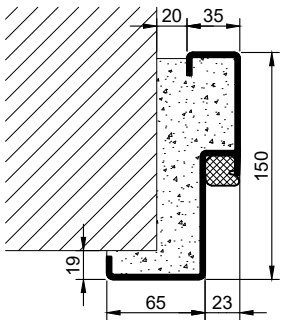
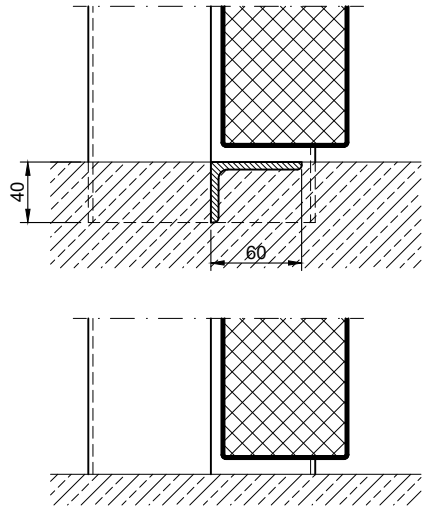
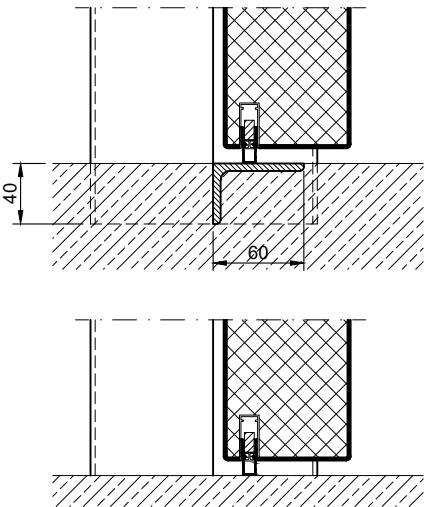
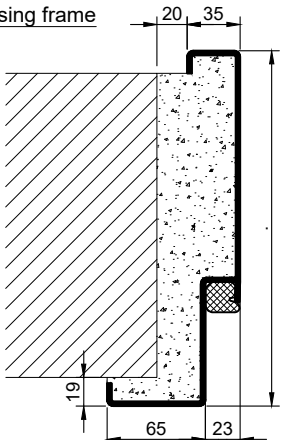
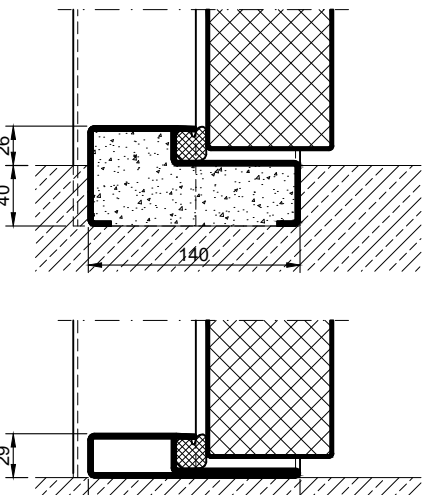
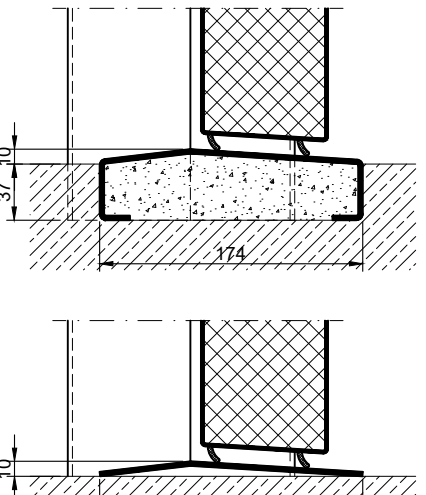
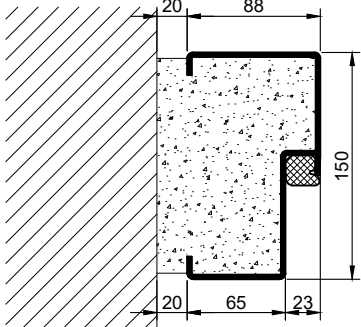
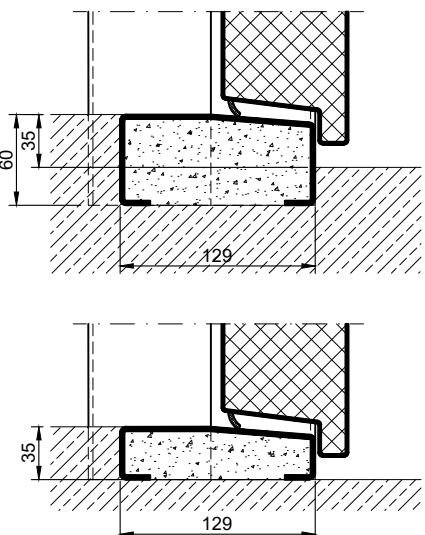
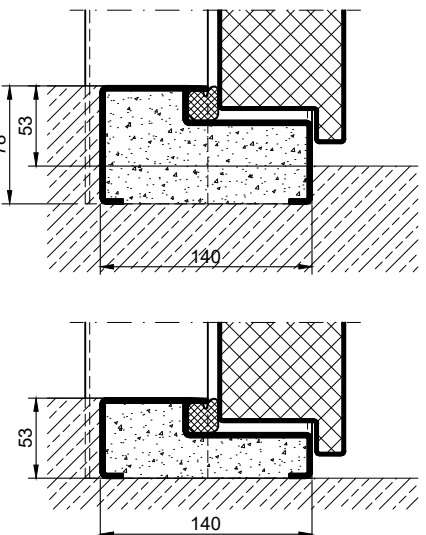
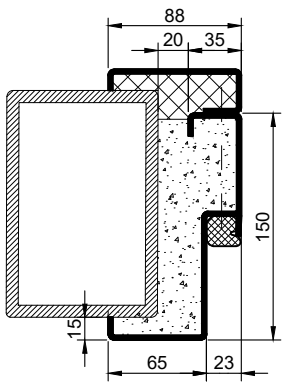
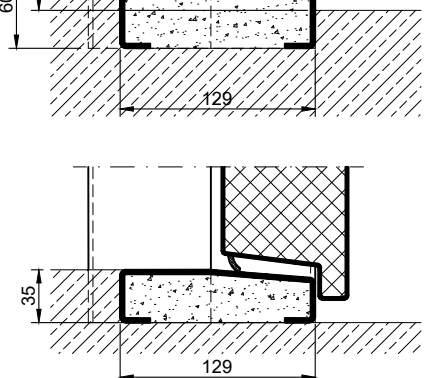
glazing



ventilation grille



10.0.2 PLANE LINE PL 1 XXL_EN

Frames	Thresholds	
corner frame 	separation sill 	drop seal 
encasing frame 	stop sill with seal 	hump sill 
block frame 	half sill 	full sill 
Eck- mit Gegenzarge 	half sill 	full sill 