

Double 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 3000 mm to 5000 mm
Height from 3000 mm to 5000 mm

Technical Specification and Tender Text

Product:	PL 2 XXL double leaf multipurpose gate brand Buchele
Door Type:	PLANE Line PL 2 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 inlaid and glued. Securing pin screwed in door leaf rebate. Passive leaf with multi-chamber sealing profile in the middle 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:	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.

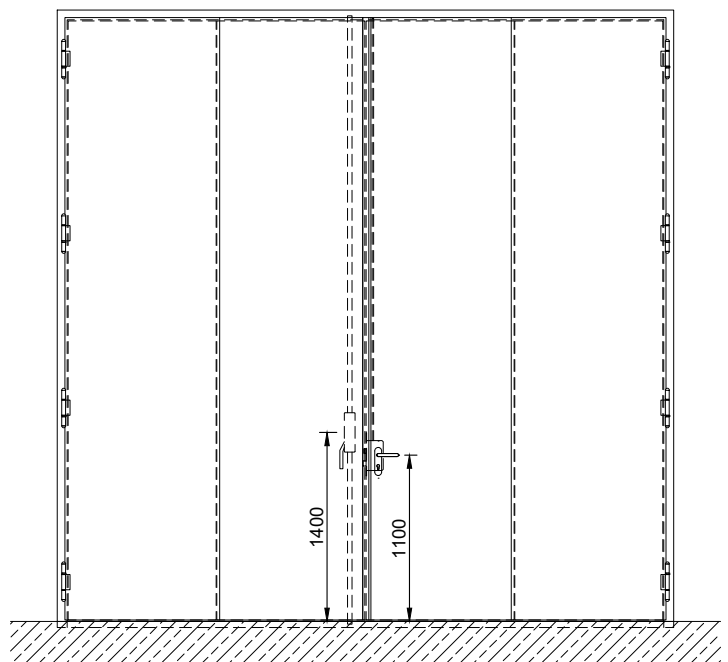
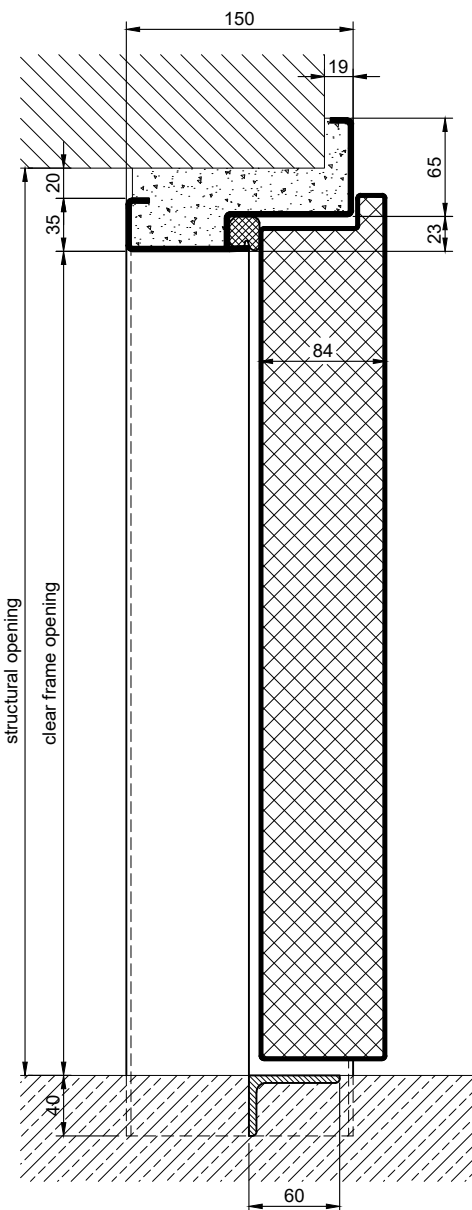
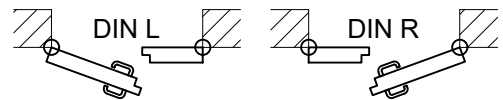
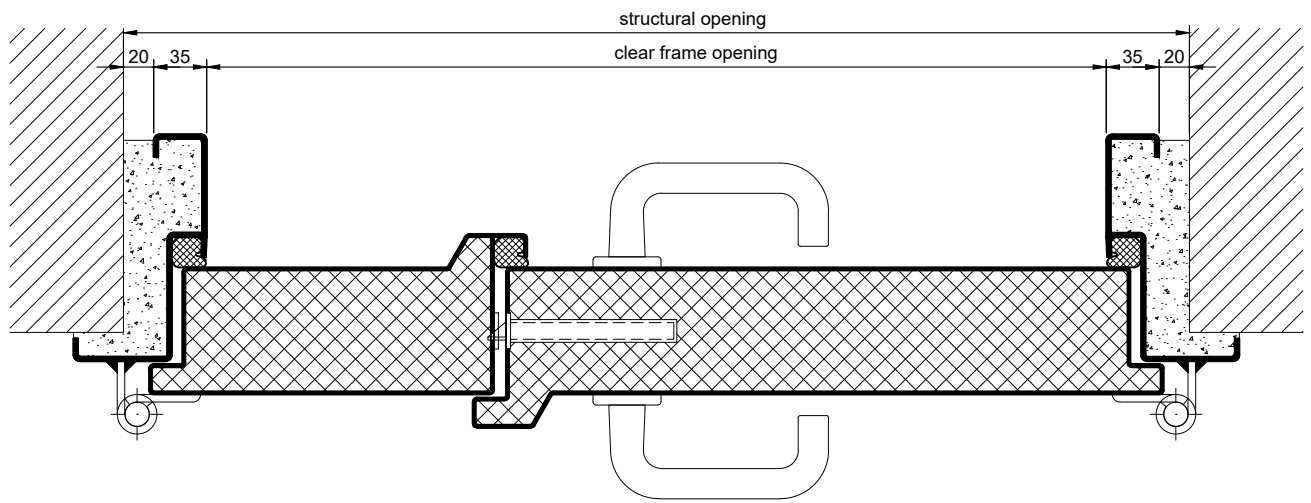
Alternative: PLANE Line PL 2 PREMIUM with flush mounted optics

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.

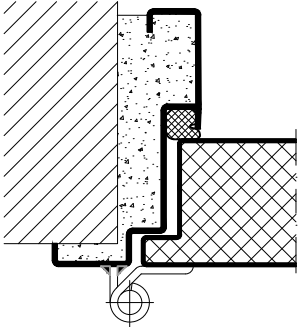
Supplementary Equipment

Glazing:	Single 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

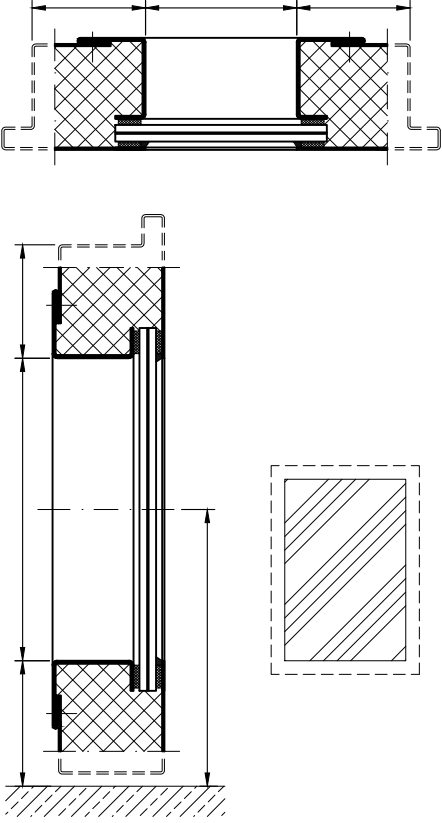
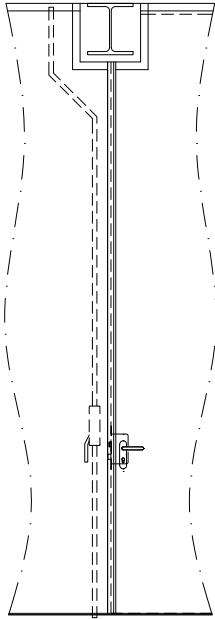
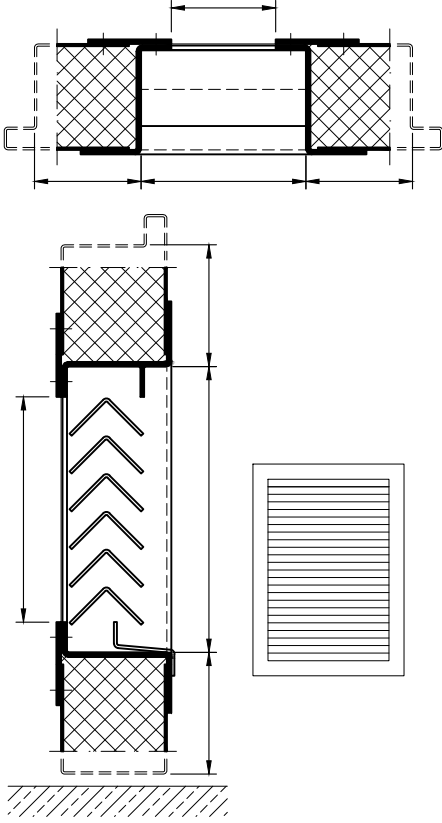


PREMIUM Version

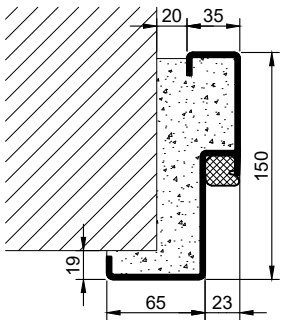
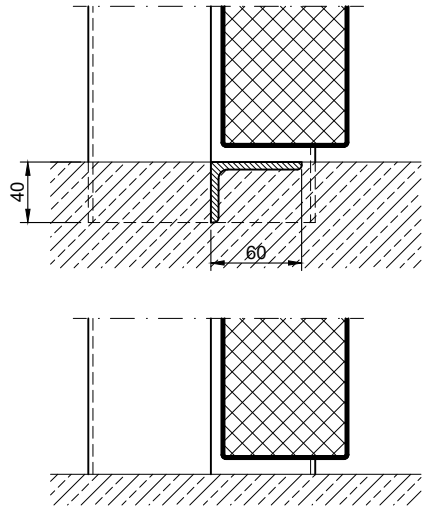
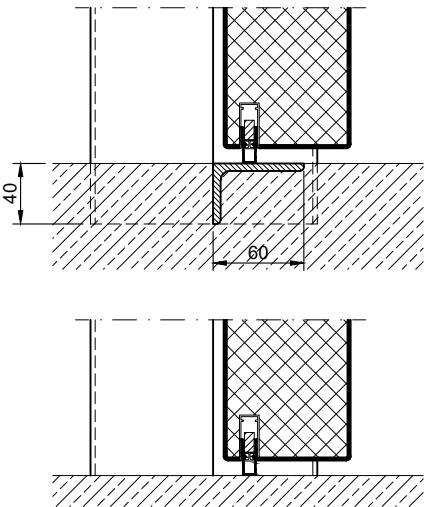
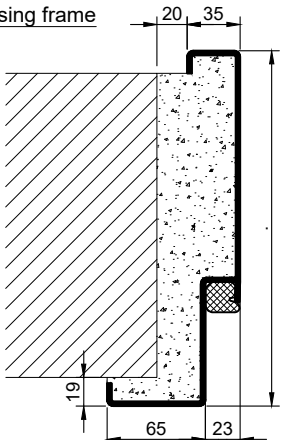
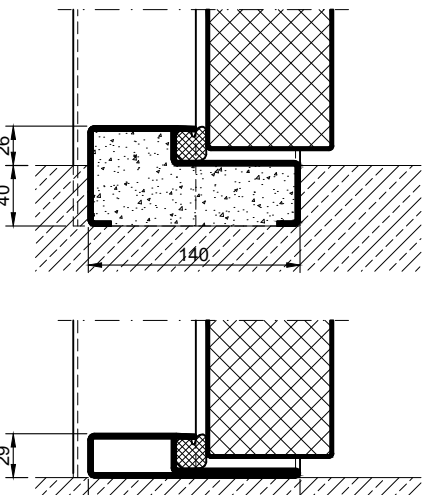
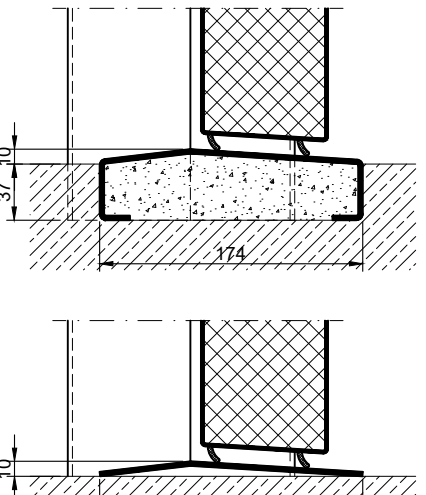
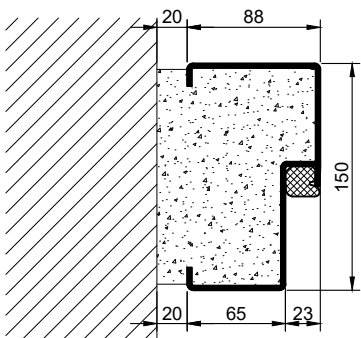
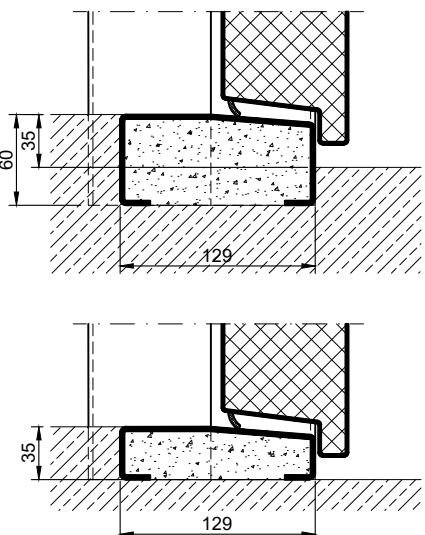
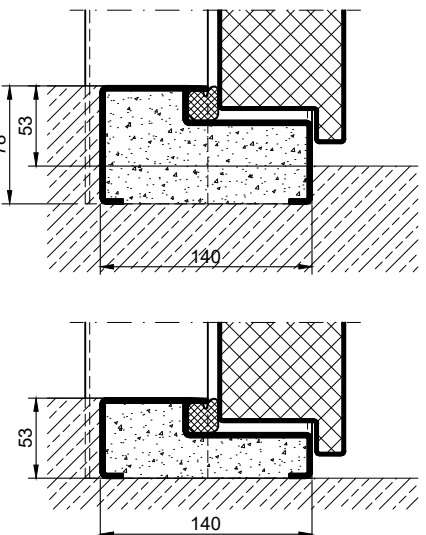
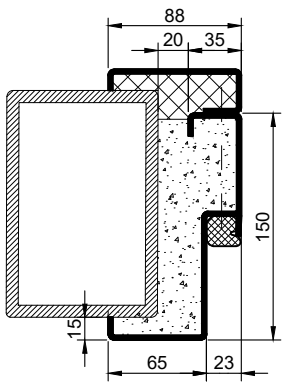
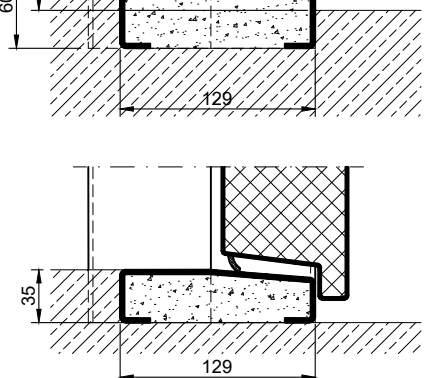
construction hinges 		
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Options

glazing 	Kranbahnausschnitt 	ventilation grille 
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10.10.2_PLANE LINE PL 2 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 