

Double Leaf PLANE Line Acoustic Door

Sound Insulation**R_{w,P} 54 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/FB6-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	up to class C5	tested acc. to EN 12211
- Blast Resistance	up to 20 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 1000 mm to 3000 mm
Height from 500 mm to 3000 mm

Technical Specification and Tender Text

Product:	PL 2 double leaf acoustic door brand Buchele tested acc. to EN ISO 10140-2
Door Type:	PLANE Line PL 2 BASIC
Sound Insulation R_{w,P}	54 dB
Structural Opening: x mm
Door Leaf:	Double-walled, planar 70 mm thick steel door without hinge embossing, three sides rebated with thick rebate Without bottom stop. Special insulating inserts fully laid-in and glued. Passive leaf with multi-chamber sealing profile in the middle 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 concealed shoot bolt lock.
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.

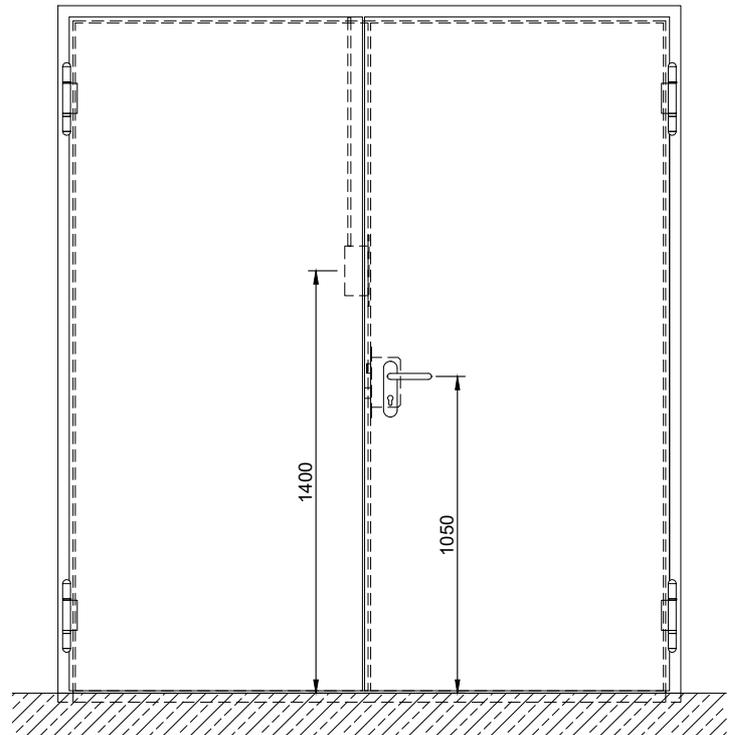
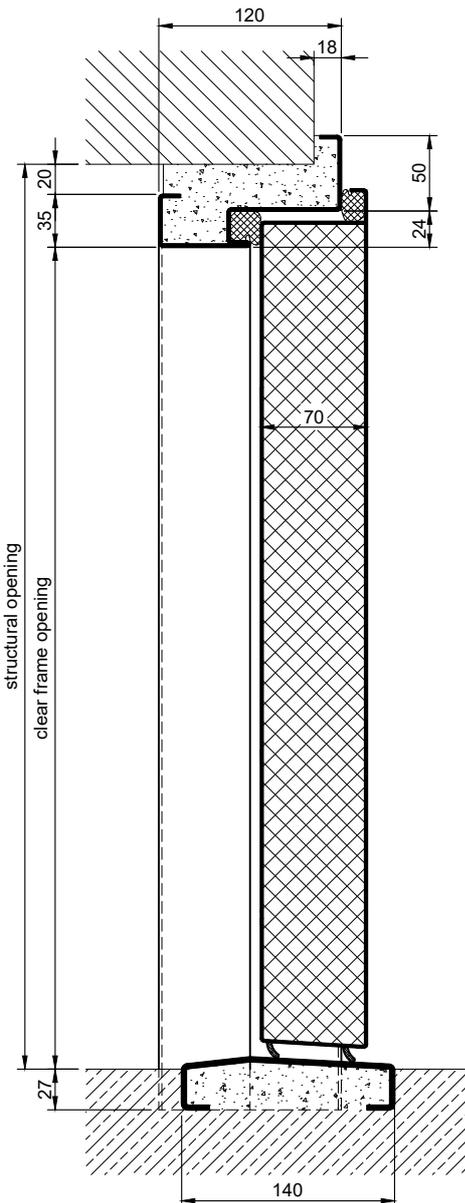
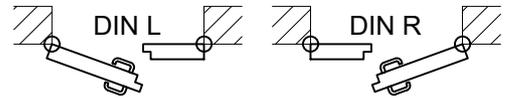
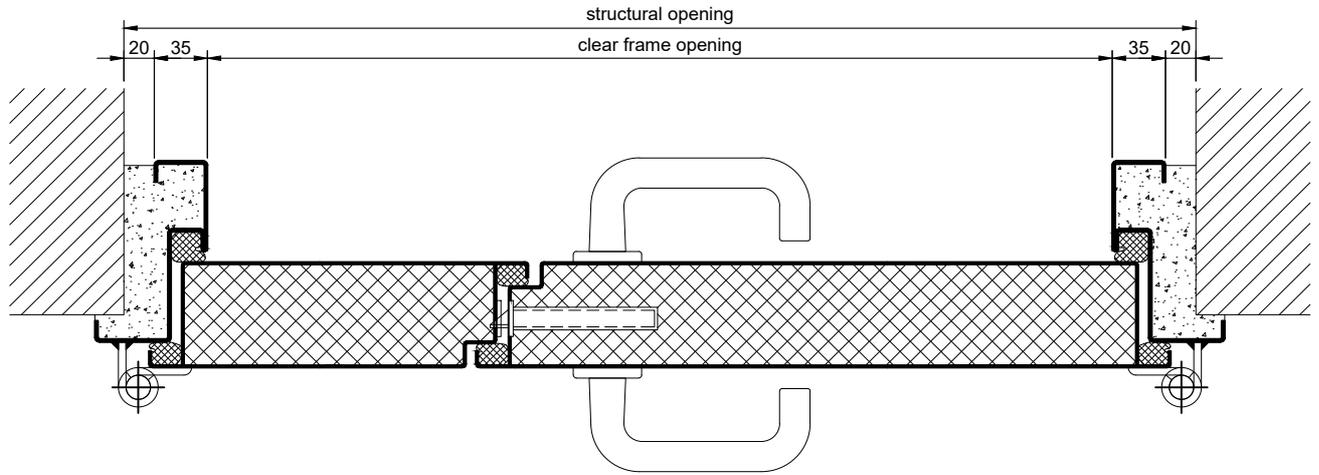
Alternative: PLANE Line PL 2 SUPERIOR with flush mounted optics

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

Supplementary Equipment

- Standard Glazing:** Double glazing two-sided fixed with profiled and visible screwed steel glazing bars.
Minimum border 125 mm on side and top, base 340 mm.
Sound insulation $R_{w,P}$ max. 50dB
- Stainless Steel:** Material 1.4301 (V2A) or 1.4404 (V4A),
Surface mill finish or brushed.
- BUCHELE DELUXE:** The exclusive surface coating.

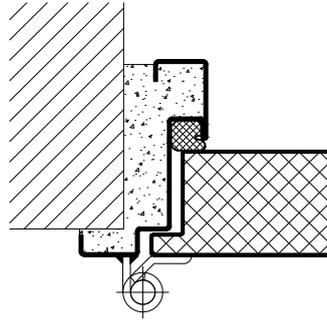
BASIC - Version



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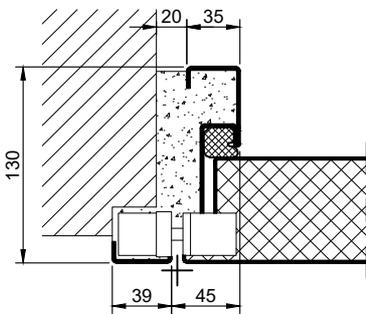
PREMIUM - Version

construction hinges



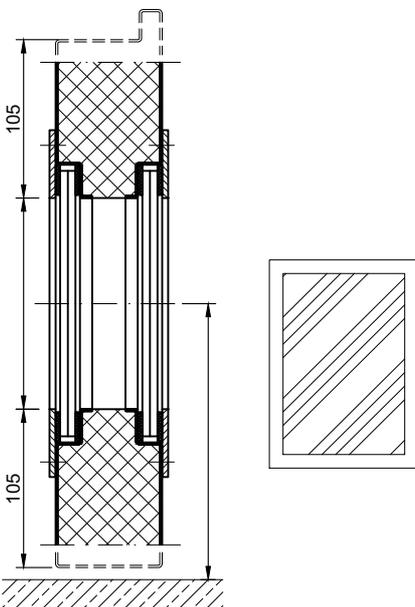
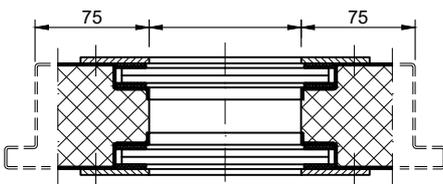
SUPERIOR - Version

concealed hinges

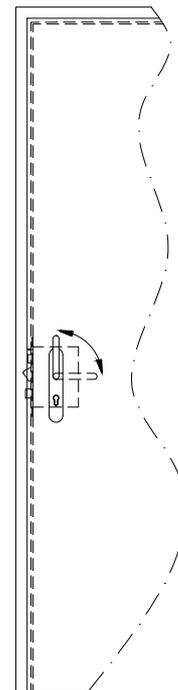


Options

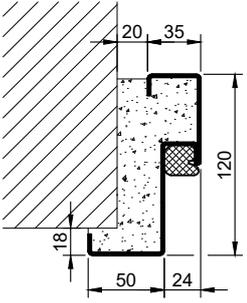
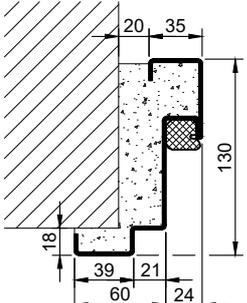
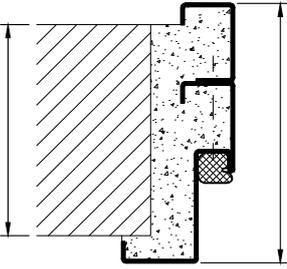
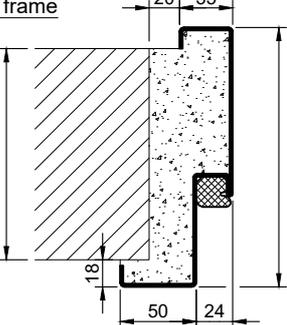
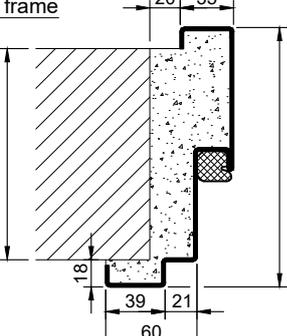
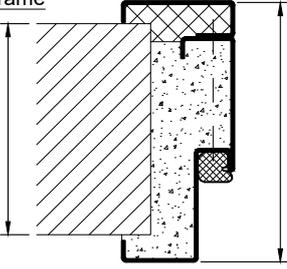
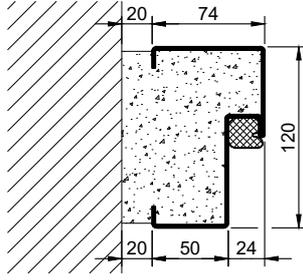
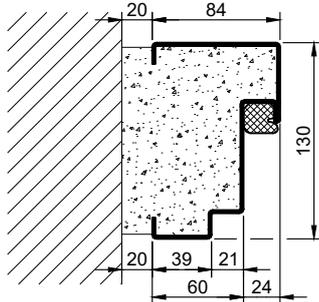
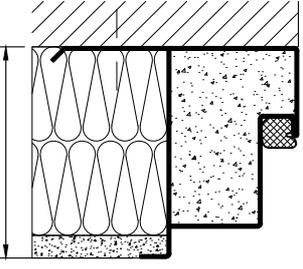
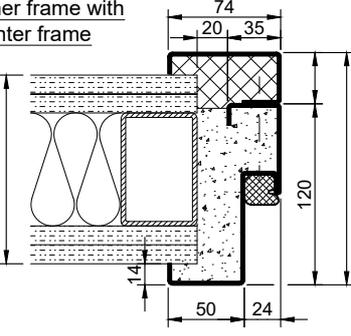
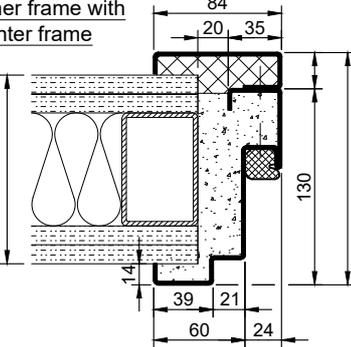
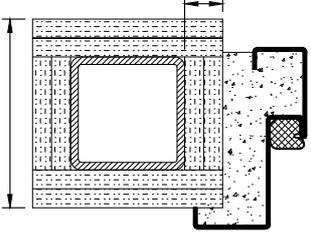
glazing



Buchele wedge latch lock

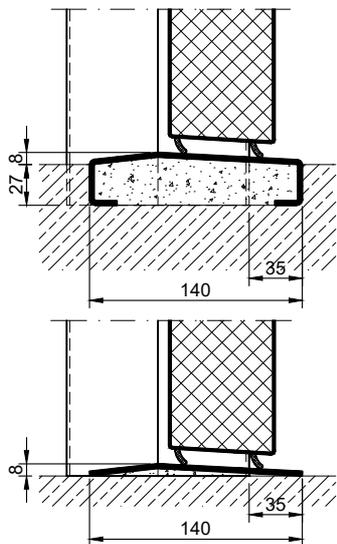


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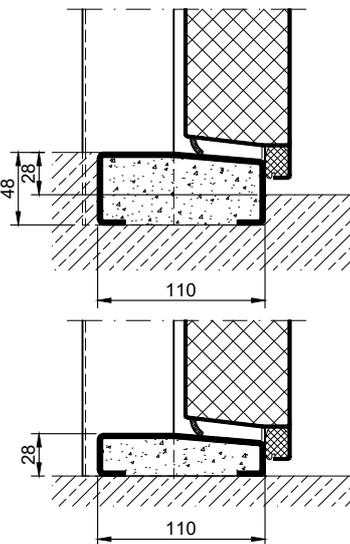
Frames BASIC	Frames PREMIUM/SUPERIOR	Variants (illustration BASIC)
<p>corner frame</p> 	<p>corner frame</p> 	<p>corner frame with additional frame</p> 
<p>encasing frame</p> 	<p>encasing frame</p> 	<p>encasing frame with counter frame</p> 
<p>block frame</p> 	<p>block frame</p> 	<p>jutted block frame</p> 
<p>corner frame with counter frame</p> 	<p>corner frame with counter frame</p> 	<p>corner frame at support / pillar</p> 

Thresholds

hump sill



half sill



full sill

