

Single Leaf PLANE Line Pressure Relief Hatch

Optional Audited Additional Functions

- Sound Insulation	up to $R_{w,P}$ 46dB	tested acc. to DIN EN ISO 10140-2
- Air Tight	up to Klasse 4	tested acc. to EN 1026
- Rain- and Fire-Water Tight	Klasse 6A	tested acc. to EN 1027
- Wind Load Resistance	up to Klasse C5	tested acc. to EN 12211
- Explosion Resistance	up to 20 kPa	tested acc. to EN 13124-1
- Explosion Protection	up to Zone 1/21	acc. to EN 1127-1 / ATEX 2014/34/EU
- Stainless Steel		

Range of Dimension

Width from 500 mm up to 3000 mm
Height from 500 mm up to 1500 mm

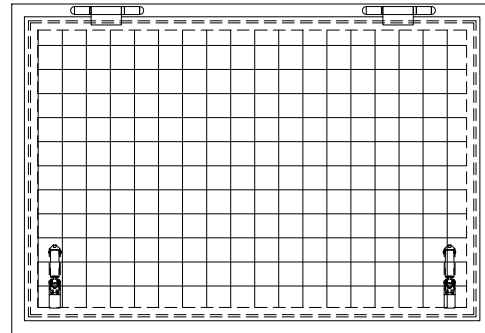
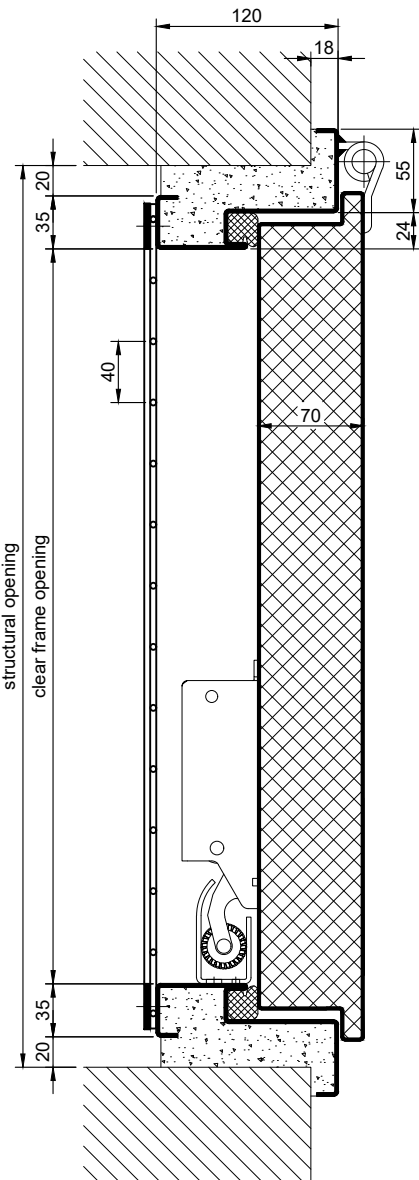
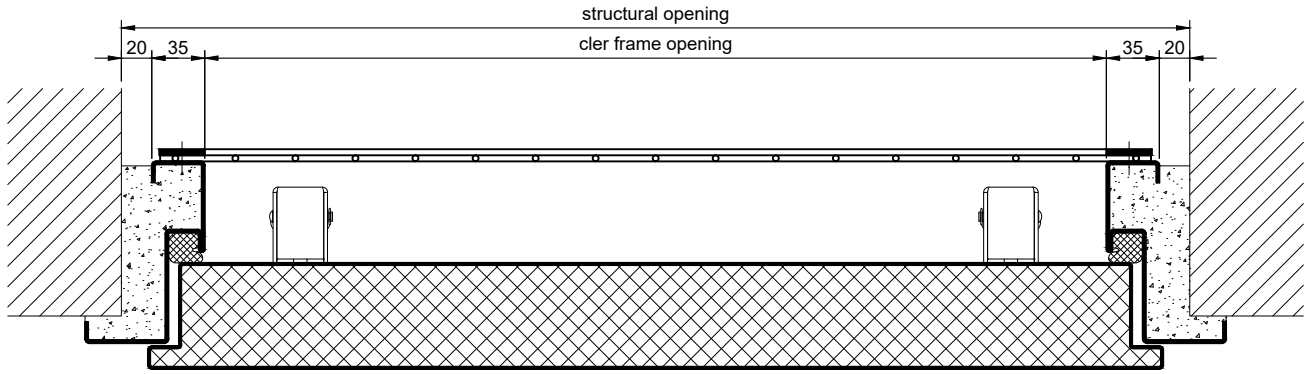
Technical Specification and Tender Text

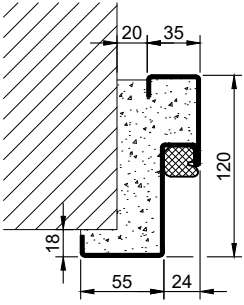
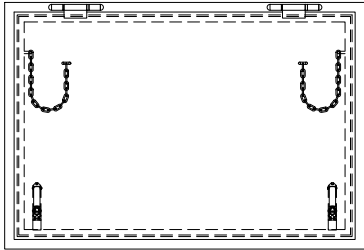
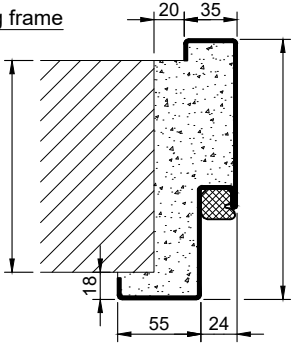
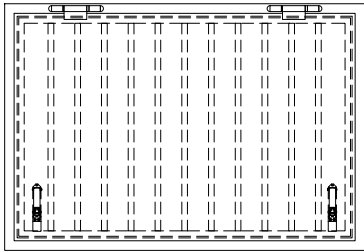
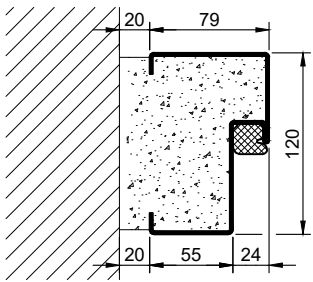
Product:	PL 1 single leaf pressure relief hatch brand Buchele
Door Type:	PLANE Line PL 1 BASIC
Structural Opening: x mm
Door Leaf:	Double-walled, planar 70 mm thick steel door leaf without hinge embossing, three sides rebated with thick rebate. Special insulating inserts fully laid-in and glued. Securing pin screwed in door leaf rebate.
Frame:	4-sided circumferential rebated corner frame with high-quality multi chamber sealing profile adjustable fixed in the four-sided groove. Inside with corrugated grid cover mesh size 40 x 40 mm.
Hinges:	Overhead three-part, height adjustable construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.
Fitting:	Adjustable dampers to hold the flap closed.
Surface:	Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

Supplementary Equipment

Grounding:	Grounding connection between door leaf and frame. Separate threaded opening in the frame for connection to the customer's grounding circuit.
Loss-prevention Chain:	Plastic-coated chains as opening limitation.
Stainless Steel:	Material 1.4301 (V2A) or 1.4404 (V4A). Surface mill finish or brushed.

BASIC - Version



Frames BASIC		Options
<p>corner frame</p> 		<p>loss-prevention chain / opening limitation</p> 
<p>encasing frame</p> 		<p>bar grid</p> 
<p>block frame</p> 		
<p>corner frame with counter frame</p> 