

## Single Leaf Pressure Hatch

<b>Gas Tight</b>	<b>1,5 m<sup>3</sup>/h (300 Pa)</b>	
<b>Blast Resistance /</b>	<b>up to 250 kPa</b>	<b>tested based on 13124</b>
<b>Explosion Protection</b>	<b>up to EPR 2</b>	
	<b>up to EXR 1 / PXR 3</b>	<i>3 kg of TNTe in a distance of 5 m</i>
	<b>up to VXR 3</b>	<i>100 kg of TNTe in a distance of 25 m</i>

## Optional Audited Additional Functions

- Burglar Protection	RC2/RC3/RC4/RC5	tested acc. to EN 1627
- Bullet Proof	FB4/FB6/FB7	tested acc. to EN 1522
- Air Tight	up to class 4	tested acc. to EN 1026
- Stainless Steel		

## Range of Dimension

Width from 500 mm to 1000 mm  
Height from 500 mm to 1000 mm

## Technical Specification and Tender Text

<b>Product:</b>	<b>Single Leaf Pressure Hatch</b> brand Buchele tested based on EN 13124
<b>Door Type:</b>	<b>SHELTER Line Type H</b>
<b>Gas Tight:</b>	<b>1,5 m<sup>3</sup>/h at 300 Pa differential pressure</b>
<b>Blast Resistance:</b>	<b>... kPa</b>
<b>Explosion Resistance:</b>	<b>EPR 1 / 2 based on EN 13124-1</b> <b>EXR 1 based on EN 13124-2</b> <b>PXR 1 / 2 / 3 based on prEN 13124-2</b> <b>VXR 1 / 2 / 3 based on prEN 13124-2</b>
<b>Attack Side:</b>	<b>opposite hinge side</b>
<b>Structural Opening:</b>	<b>.... x .... mm</b>
<b>Door Leaf:</b>	Planar 10-15 mm thick steel door leaf.
<b>Frame:</b>	4-sided circumferential frame for additional installation on the wall on the inside of existing windows. High-quality multi chamber sealing profile adjustable fixed in the four-sided groove.
<b>Hinges:</b>	Three-part, height adjustable construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.
<b>Fitting:</b>	Four solid swivel bolts milled from one piece.
<b>Surface:</b>	Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

### Supplementary Equipment

<b>Ventilation Connection:</b>	Through hole and drill holes for connection of a ventilation device provided by customer.
<b>Stainless Steel:</b>	Material 1.4301 (V2A) or 1.4404 (V4A), Surface mill finish or brushed.
<b>BUCHELE DELUXE:</b>	The exclusive surface coating.

