

Single Leaf Shelter Door

Gas tight	1,5 m³/h (300 Pa)	
Blast Resistance /	up to 800 kPa	tested based on EN 13124
Explosion Protection	up to EPR 2	
	up to EXR 1/PXR 4	<i>3 kg of TNTe in a distance of 3 m</i>
	up to VXR 3	<i>100 kg of TNTe in a distance of 25 m</i>

Optional Audited Additional Functions

- Fire Protection	up to EI ₂ 90	tested acc. to EN 1634-1
- Smoke Control	Sa, S200	tested acc. to EN 1634-3
- Burglar Protection	RC2/RC3/RC4/RC5	tested acc. to EN 1627
- Bullet Proof	FB2/FB4/FB6/FB7	tested acc. to EN 1522
- Air Tight	up to class 4	tested acc. to EN 1026
- Water Tight		
- Stainless Steel		

Range of Dimension

Width from 675 mm to 1250 mm
Height from 1750 mm to 2250 mm

Technical Specification and Tender Text

Product:	Single Leaf Shelter Door brand Buchele tested based on EN 13124
Door Type:	SHELTER Line Type D
Gas Tight:	1,5 m³/h at 300 Pa differential pressure
Blast Resistance: kPa
Explosion Resistance:	EPR 1 / 2 based on EN 13124-1 EXR 1 / 2 based on EN 13124-2 PXR 1 / 2 / 3 / 4 based on prEN 13124-2 VXR 1 / 2 / 3 based on prEN 13124-2
Attack Side:	hinge side
Structural Opening: x mm
Door Leaf:	Double-walled, planar 85 mm thick steel door leaf without hinge embossing, four sides rebated with thick rebate und and adjustable fixed sealing profile in the rebate. Special insulating inserts fully laid-in and glued.
Threshold:	full sill
Frame:	3-sided circumferential rebated corner frame with high-quality multi chamber sealing profile adjustable fixed in the three-sided groove.
Hinges:	Spring-loaded three-part construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.

Fitting: Four bolt clamping locks with each one clamping lever on opposite hinge side, fixed pivoted, stainless steel.
Mortise lock with latch lever function acc. to EN 18250 (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.

Supplementary Equipment

Demountable Hinges: Hinges can be removed from the inside (opposite hinge side) to un hinge the door leaf while the door is closed.

Stainless Steel: Material 1.4301 (V2A) or 1.4404 (V4A),
Surface mill finish or brushed.

BUCHELE DELUXE: The exclusive surface coating.

