

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:

Door Type:

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:	<p>Four bolt clamping locks with each one clamping lever on opposite hinge side, fixed pivoted, stainless steel.</p> <p>Mortise lock with latch lever function acc. to EN 18250 (prepared for installation of a profile cylinder lock, provided by customer).</p> <p>Door handle set in acc. to EN 1906 fixed pivoted synthetic material black in U-shape with rounded short-plate.</p>
Surface:	<p>Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.</p>

Supplementary Equipment

Demountable Hinges:	<p>Hinges can be removed from the inside (opposite hinge side) to unhinge the door leaf while the door is closed.</p>
Stainless Steel:	<p>Material 1.4301 (V2A) or 1.4404 (V4A), Surface mill finish or brushed.</p>

