Panzer

IMPACT RESISTANCE
1 Bar (100 kPa; 15 ps)

HEAVY STEEL DOOR FRAME WITH
ROUND BOLTS (Ø38 mm)

MULTI-LAYER CONSTRUCTION
88 mm

MASSIVE HINGES:
2 VAULT DOOR-TYPE HINGES



BD 1

BLAST-PROOF DOOR

data sheet

Panzer



BD 1
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PRODUCT DATA SHEET
BD 1 blast-proof door

BD 1 blast-proof door — Top-class safety
The highest blast resistance

The BD1 door is a solid, multi-layer blast-proof door, based on vault solutions.
Designed for maximum protection of people and property, it provides resistance to shock waves exceeding **1 bar** (25 ms).

Tested at the renowned **Fraunhofer EMI Institute**, BD1 door meets the requirements of class **EPR2** in accordance with EN 13123-1, confirming the highest level of protection against the effects of explosions.

BD1 door is an investment in safety and reliability. Ideal for strategic facilities, critical infrastructure, warehouses, laboratories and anywhere where protection against the effects of explosions and burglaries is crucial.

Solid construction

- Solid, multi-layer door leaf, double-sided locking.
- Multi-point locking mechanism with solid locking bolts with a diameter of 38 mm, ensuring unmatched resistance to forced entry.
- Solid bolts on the hinge side, increasing security against break-in attempts.
- Heavy-duty vault-type hinges, which guarantee reliable functioning even in extreme conditions.
- Seals around the door leaf, additionally increasing tightness and protection.
- Threshold-free door with a movable bottom seal for easy passage and effective sealing.

Safety and comfort of use

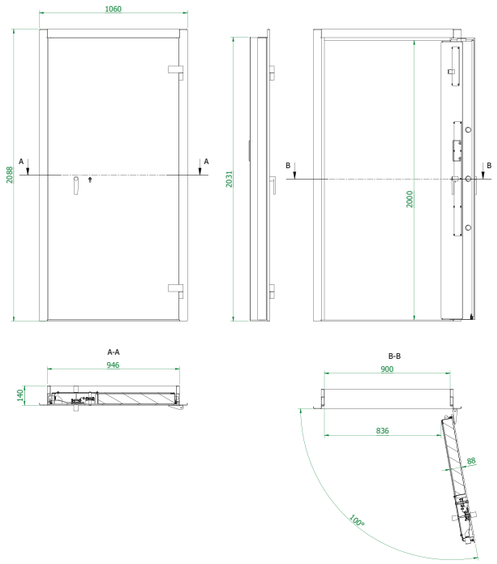
- Steel handle on the inside for easy operation.
- The threshold-free design allows for convenient use even in facilities with increased hygiene or logistics requirements.

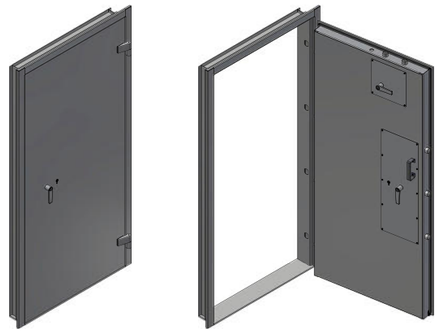
Standard specifications

- Clear door opening: 900 × 2000 mm.
- Weight: 250 kg.
- Blast resistance class: EPR2 (EN 13123-1).
- Multi-point locking with 38 mm diameter bolts.
- Finish: powder coating — durable and aesthetic coating.
- Very high burglary resistance.

Optional equipment

- Locks compliant with EN 1627.
- Vault locks compliant with EN 1300.
- Inner blockage system — allows quick closing door from the inside in emergency situations.
- Sealing kit — additional protection against unauthorised access.
- Choice of colour according to individual customer preferences.





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