



IMPACT RESISTANCE
1 Bar (100 kPa; 15 ps)



HEAVY STEEL DOOR FRAME
WITH **MULTI-POINT LOCK**



DOOR THICKNESS:
78 mm



MASSIVE HINGES:
4 HEAVY DUTY HINGES

RD 1

BLAST-PROOF DOOR

data sheet

BLAST
RESISTANCE
CERTIFICATE

EPR2
EN 13123-1

BURGLARY
RESISTANCE
CLASS

RC4
EN 1627

CLASSIC DESIGN

THRESHOLD-
FREE DOOR

MOVABLE SEAL

RD 1
BLAST-PROOF DOOR

PRODUCT DATA SHEET

RD 1 blast-proof door

Maximum protection in a classic design.

The **RD 1** door is a solution combining high blast resistance with the classic design of an **RC4** class security door. Its resistance to shock waves exceeding **1 bar (25 ms)** makes it an excellent choice for facilities requiring the highest level of protection.

Tested at the **Fraunhofer EMI Institute**, RD1 door meets the requirements of class **EPR2** in accordance with **EN 13123-1**, ensuring full resistance to the effects of explosions.

RD 1 door is a compromise between advanced explosion protection and classic, reliable anti-burglary door construction. It is ideal for use in facilities with increased security requirements, such as server rooms, weapons storage facilities, laboratories, and critical infrastructure.

Robust and reliable design

- Solid, multi-layer door leaf, double-sided locking.
- multi-point locking mechanism — ensures stable and secure locking, increasing resistance to forced entry.
- Fixed bolts on the hinge side, increasing resistance to breaking.
- Seals around the entire perimeter of the door leaf, increasing tightness and insulation.

Classic burglar-proof door design, proven in the most demanding conditions.

Comfort of use

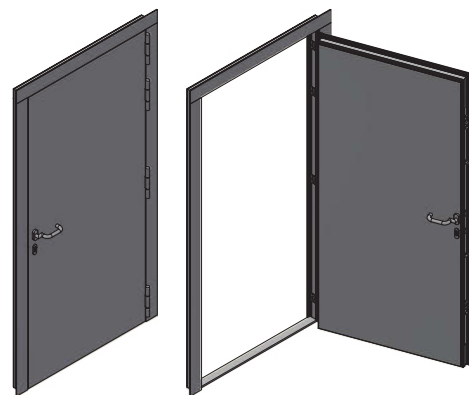
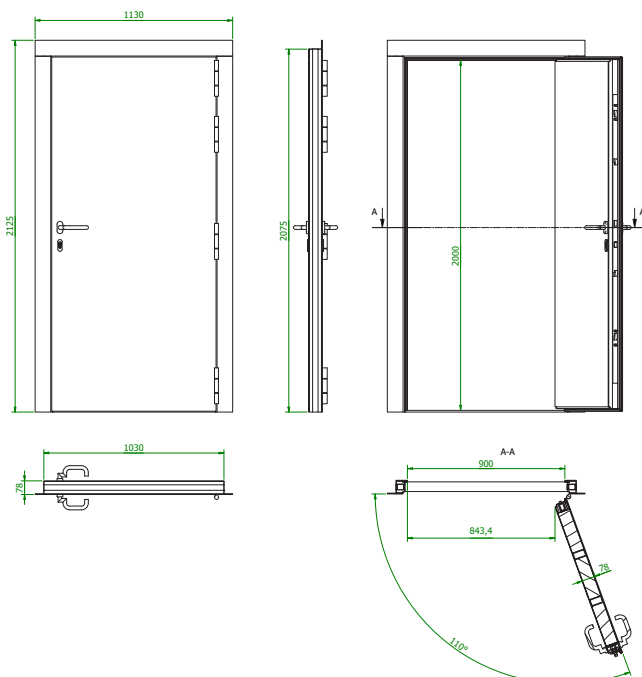
- Threshold-free door equipped with a movable bottom seal ensure comfortable and safe use without barriers.
- Powder coating finish guarantees durability and aesthetic appearance.

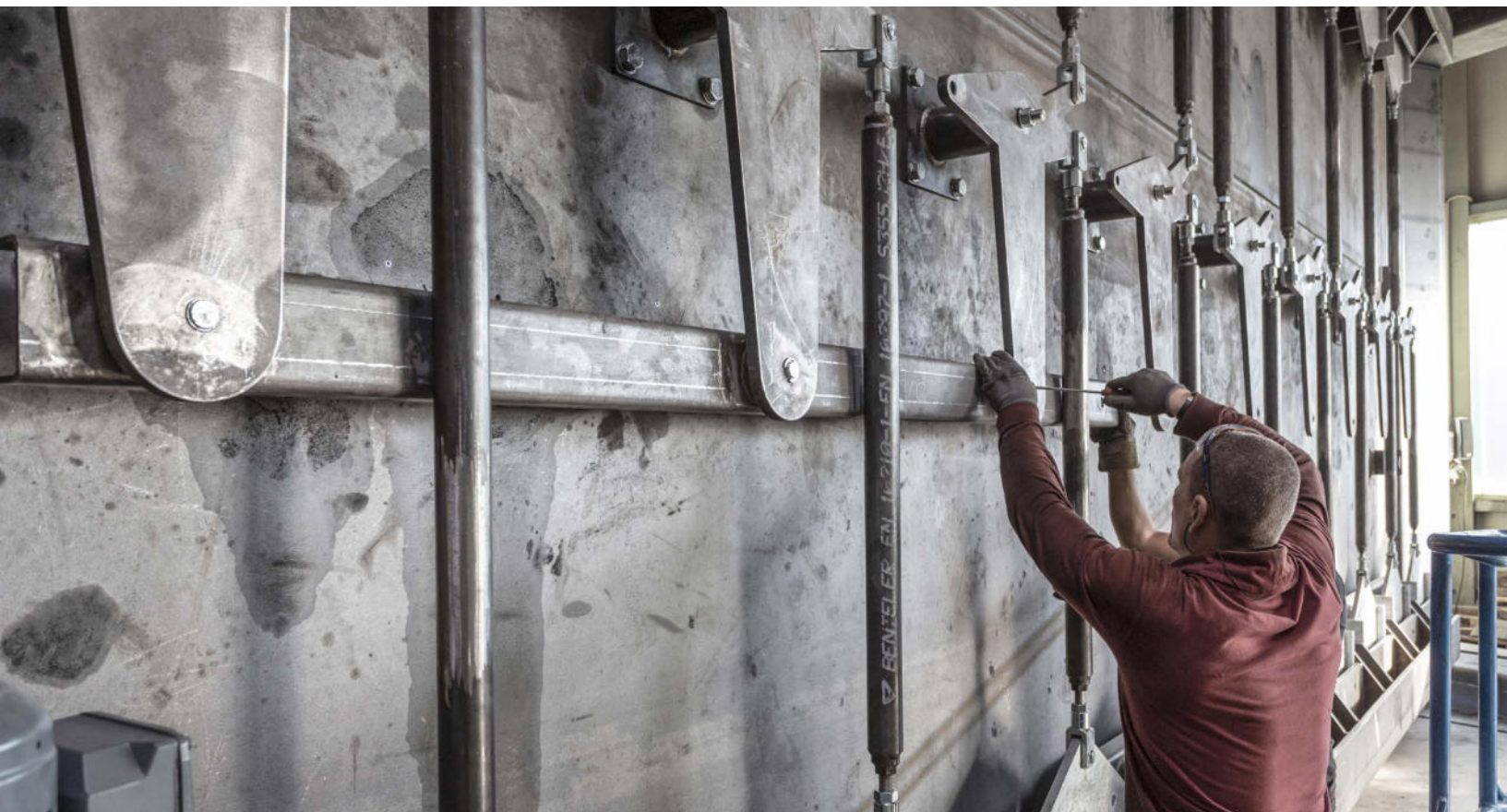
Standard specifications

- Clear door opening: 900 × 2000 mm.
- Minimum wall opening dimensions: 1040 × 2080 mm.
- External dimensions: 1030 × 2125 mm.
- Weight: 275 kg.
- Blast resistance certification: EPR2 (EN 13123-1).
- Burglary resistance class: RC4 (EN 1627).
- multi-point locking mechanism
- Finish: powder coating.
- Very high burglary resistance.

Optional equipment

- Locks compliant with EN 1637.
- Sealing kit — additional protection against unauthorised access.
- Wide range of colours to choose from — can be individually matched to the aesthetics of the building.
- Panic bar option



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