



HRT detention room door

Vandalism- and tamper-proof in the challenging environment of prisons, police custody and forensic crisis rooms

The SOMMER HRT detention room doors offer security for cells of the judiciary and the police. They have been tested for fire protection and certified according to the guidelines for the operation of correctional facilities.

Highlights

- Security on both sides to RC4 per DIN EN 1627
- Fire and smoke protection, also with food flap and viewing port
- Per prison fire regulations or EI2 30 or T30 with individual approval
- Smoke protection per EN 1634-3
- Noise protection per DIN 52210 or ISO 717-1 up to Rw 37 dB

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Technical data



DESCRIPTION

SOMMER HRT detention room doors provide lasting security thanks to their very robust construction. The 2 mm thick galvanised door metal on hall and cell sides, pressure-resistant sandwich infill and the integrated supporting structure provide vandalism resistance and long service life. Tamper-proof seal installation in the high rebate of the door leaf. Various massive frame designs of 2.5 mm galvanised sheet steel enable fitting in any building. Locking systems from any manufacturer can be installed. Many equipment configurations are available.

VERSION



1-leaf

- 1-leaf Standard outward opening, or inward opening
- 1-leaf Forensic version with special lock systems
- 1-leaf Version for Federal Court of Justice, B and fixed furnishing cells

REQUIREMENTS

- Intrusion and escape resistance to RC4, DIN EN 1627
- Fire protection to prison fire regulations, openable 15 min. after fire is set **or**
- Fire protection EI₂ 30 per EN 1634-1 or T 30 per DIN 4102, with individual approval
- Smoke protection per EN 1634-3
- Noise protection to Rw 37 dB per DIN 52210 or EN ISO 717-1

SIZE RANGES (BASIC DIMENSIONS)

- From 885 x 1850 mm to 1250 x 2500 mm
- For fire protection regulations, dimensions by agreement

STRUCTURAL ATTACHMENTS

- Installation in masonry, concrete walls and concrete prefab, special installs by agreement
- Closed, corner and block frames, including rounded on the cell side
- Standard floor connection with stop threshold, with push-through guard
- Floor connection with undercut ventilation opening
- Floor connection with seal threshold or drop-down floor seal
- Welded installation
- Smooth, void-free grouting

OPTIONAL EQUIPMENT

- Combination cell door with additional grille door
- Food and communication flap with high-security prison or police closure
- Viewing port with P8B safety glass, with lockable cover
- 200° peephole with cover
- Stainless steel kick plate, door height or in the lock and kick area
- Opening limit, electrical door condition monitoring
- Integrated sliding bolt, fast closures, special locks
- SOMMER Anti-Block system for opening doors that are blocked on the cell side