

Pos.	Piece	Specifications	Unit Price	Sum Pr.
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10 **1** **HSRZ**
High-Security Room Cell

The PRIORIT High-Security Room Cell (HSRZ) is a customized room in room solution, built up of wall-, floor-, ceiling-, door-, bulkhead-, and control damper elements for used in IT- and data centers of any size, if high availability is a must. The HSRZ room system has a very high mechanical strength against extreme impact and pressure loads, also in the event of a fire. The HSRZ was tested as room solution to the stringent requirements of EN 1047 Part 2 as protection class R60D and has the ECB-S certificate. Besides the requirements of the high security level for IT protection, the HSRZ also achieve the statutory structural fire protection according to DIN 4102.

- Maximum IT protection + maximum IT security
- IT protection according to EN 1047/2 + statutory fire protection according to DIN 4102

Function

- Fire resistance 180 minutes (Element testing for wall, ceiling, floor)
- Fire resistance 90 minutes (Element testing for doors, penetration seals, damper)
- R 60 D classification
- Compliance with the limits specified in EN 1047 Part 2
- ECB•S certification
- System test by official material testing institute
- Protection rating according to IP 56
- Anti-burglary protection according to RC3 DIN EN 1627
- Overall system verification IP 56 according to EN 60529
- Protection against electromagnetic radiation

Construction

- Room element wall, ceiling, floor, door with a very high mechanical strength
- ECB•S certified for highest demands
- Door(s) with three sealing levels
- Door(s) with 3D stainless steel bands, multi-locking system, profile cylinder and anti-panic function
- Overpressure and climate control damper
- Fire resistant pipe and cable bulkheads
- Waterproof jointing
- Mounting angle of galvanized steel
- Gasket profile
- Trim

Material characteristic

- Ultra-light speciality concrete, watertight
- Water repellent special geomembrane, overlapping SD > 1500 mm
- Metallic foil coating as electromagnetic shielding
- Corrosion resistant steel reinforcement as burglary protection, statically effective

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Options

- Overpressure control damper
- Climate control damper
- Cable- and pipe bulkheads
- Customized wall facing

Project-specific quotation for the High-Security Room Cell

Room-Dimensions:
(Height x Width x Depth) in mm:

Number of doors:

Number of cable- and and pipe bulkheads:.....

Number of climate control dampers:

Number of overpressure control dampers:.....

Customise wall facing:

Type: High-Security Room Cell (HSRZ)

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