











PRIOROOM FEI consisting of
 + PRIOWALL
 + PRIOCEIL
 + PRIODOOR FSA
 + Accessoire bulkhead
 + Accessoire ventilation

- Fire Resistance 90 Min.** 
- Chem** 
- Smoke Protection min leakage** 
- Safe** 
- Material + Decor A2 Class** 
- U Components** 
- EN** 
- DIN** 

SYSTEM 42

PRIOROOM FRI

Fire resistant room, individual

Fire-resistant and individually designable room, consisting of 42 mm thick prefabricated, non-combustible individual components wall, ceiling, fire protection closure („System42”) as well as bulkheads and ventilation elements.

The room (consisting of walls and ceilings of fire resistance duration F90 and T90 doors) offers a fire resistance of 90 minutes and can be constructed as a room formation in a quick and clean construction method, taking into account the existing building structure and connection to structural conditions.

Function

- Fire resistance 90 minutes, fire resistant
- Walls: F 90/EI 90 classification
- Ceiling: F 90/EI 90 a↔b
- T 90-RS Classification of door(s)
- Door(s) smoke-tight, continuous function tested



■ Edge guard in stainless steel



■ Triple latch lock



■ Can be built and converted quickly and cleanly

Advantages

- With a wall thickness of just 42 mm for the single-layer elements, the room offers a space-saving alternative to conventional construction methods
- Modular construction thanks to prefabricated, stable elements
- Assembly during ongoing operations, restrictions on internal work processes or the living situation
- Quick assembly with low noise and dust pollution
- Finished surfaces inside and out, no wallpapering or painting required
- Different decorative surfaces possible
- Planning security and time savings thanks to one trade

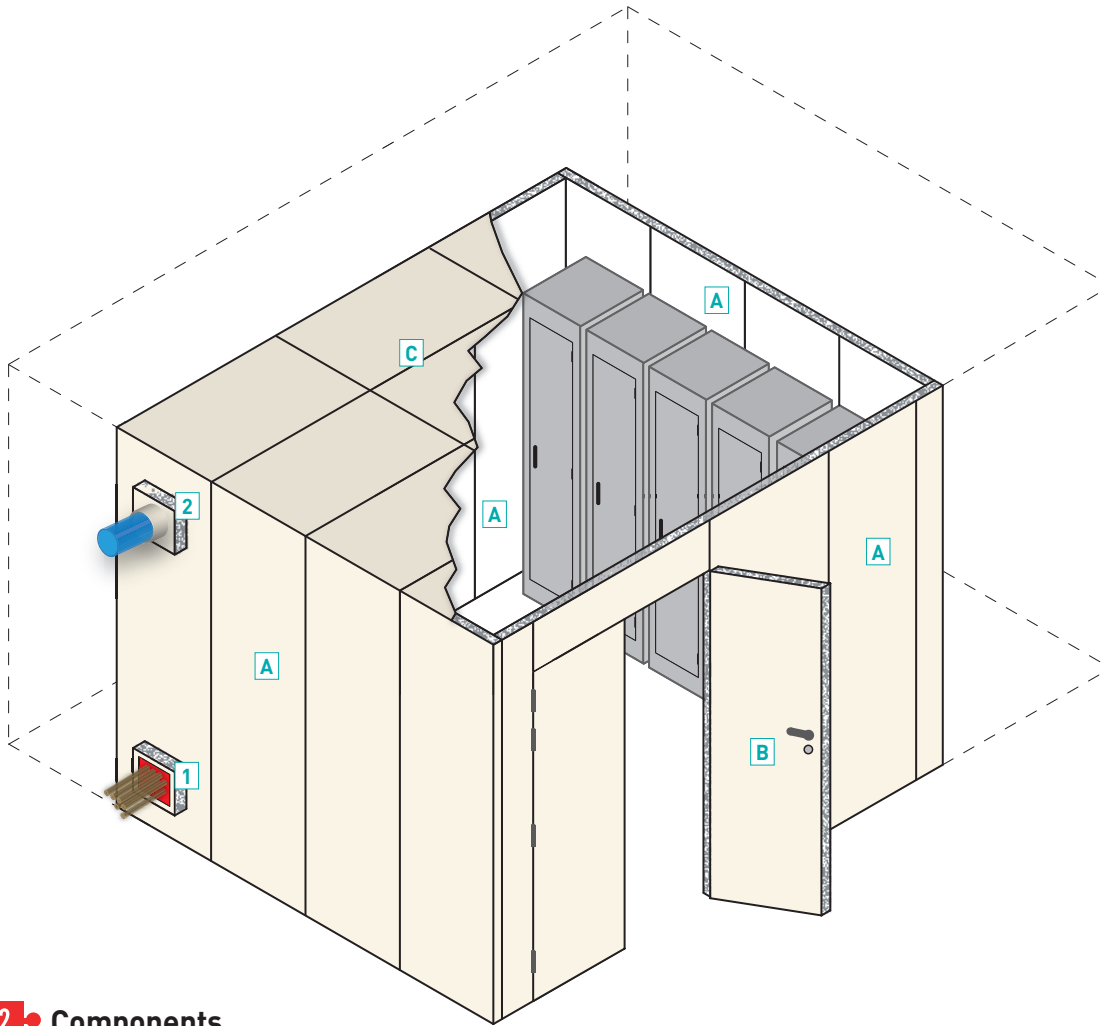
Construction

- Individual room with high mechanical resistance
- Modular construction from prefabricated elements
- Single or double-leaf doors
- Break-in door, self-closing
- Door can be unhinged, lever handle set in stainless steel
- Door(s) with 3D stainless steel hinges and 3-way locking, prepared for profile half cylinders
- Doors with all-round fire and smoke protection seals

Material characteristic

- Non-combustible board with surface coating, classified A2 – s1, d0 non-combustible
- Standard CPL surface
- Colour light grey, similar to RAL 7035, edges and bevels in different colour

Application example



Schematic illustration

SYSTEM 42 Components

- A** Wall system PRIOWALL
- B** Fire Resisting Closure PRIODOOR FSA
- C** Ceiling system PRIOCEIL

Accessoires

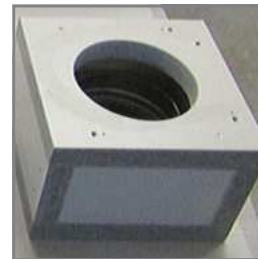
- 1** Cable and pipe bulk head for wall
- 2** Fire protection flap



■ Fire-resistant cable/pipe penetration seal



■ Fire protection flap



■ Fire protection flap BSK

PRIOROOM FRI is offered on a project-by-project basis

Options and accessories

- Various PRIORIT surfaces, see pages 44
- Priming film - can be painted on-site
- Aluminium decor
- Panic lock
- Door closer
- Glass elements in the door
- Fire-resistant cable penetration seal - classification S90
- Fire-resistant cable/pipe penetration seal
- Supply/exhaust air system NW 100 mm - classification K90



- Hydraulic door closer

Art.	Accessories
Fire protection flaps	
TTW-LL-K90	Fire protection flap BEK EI90S; DN 100 triggered by thermal detectors, ready for installation for SYSTEM42 constructions, with a connecting sleeve on one side for DN 100
BSK-FK90-100	Fire protection flap BSK EI90S with thermal release, ready to install for System 42 constructions; W x H x D: 236 x 170 x 230 mm; nominal width \varnothing 100 mm; weight: 13 kg
Ventilation systems	
VENT-24V	Additional ventilation set, consisting of fan 24V DC; without power supply unit.
VENT-24V-NETZ	Power supply unit for additional ventilation set 24V 60 W; with top-hat rail
Cable and pipe penetration seal	
KRS125	Cable and pipe penetration seal d = 135 mm; external dimensions 200 x 200 mm
TTW-S-S90	Cable penetration seal external dimensions W x H x D: 444 x 204 x 200 mm; internal dimensions W x H x D: 360 x 120 x 200 mm; PRIODEK H frame
TTW-S-S90-KLEIN	Cable penetration seal external dimensions W x H x D: 444 x 204 x 200 mm; internal dimensions W x H x D: 360 x 60 x 200 mm; PRIODEK H frame

- Doors see page 176ff
- Door accessories see page 180ff

Examples

