

PRIOROOM GSL

Fire-resistant room



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

Fire resistant room to store large quantities of hazardous materials, or for enclosure of previously constructed production systems during ongoing operation. The modular system consists of prefabricated elements just 42mm thick, and can be used to create a separate fire compartment quickly and cleanly, ensuring simple set-up, modification, and expansion. Homogeneous, solid material has high-quality, easy to clean interior and exterior surfaces. The room has no threshold in the entryway area, and can be equipped with commonly available collection basins according to the regulations of the WHG (Water Resources Act). The room offers a fire resistance of 90 minutes.

Function

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



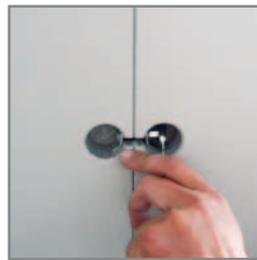
■ Edge guard in stainless steel



■ Door hinge in stainless steel



■ Door handle set



■ Can be built and converted quickly and clearly

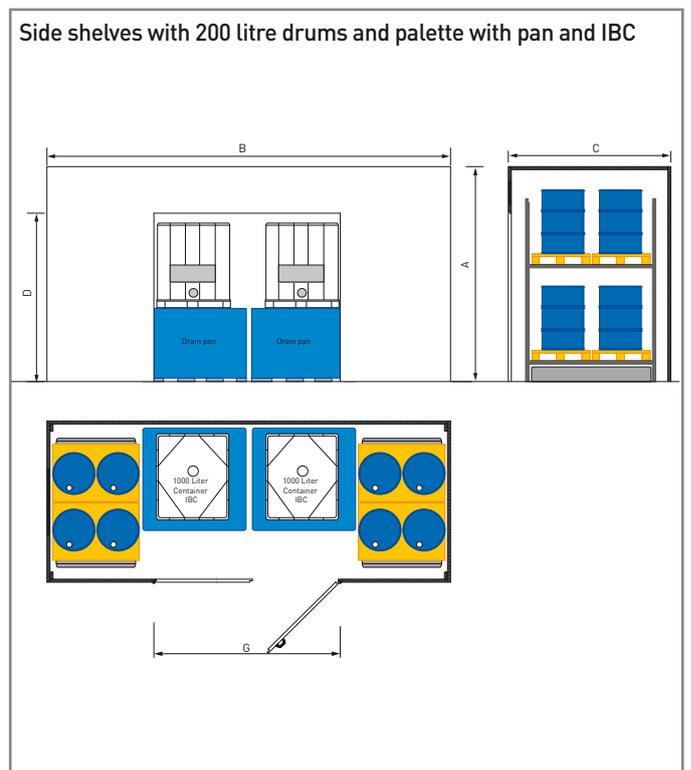
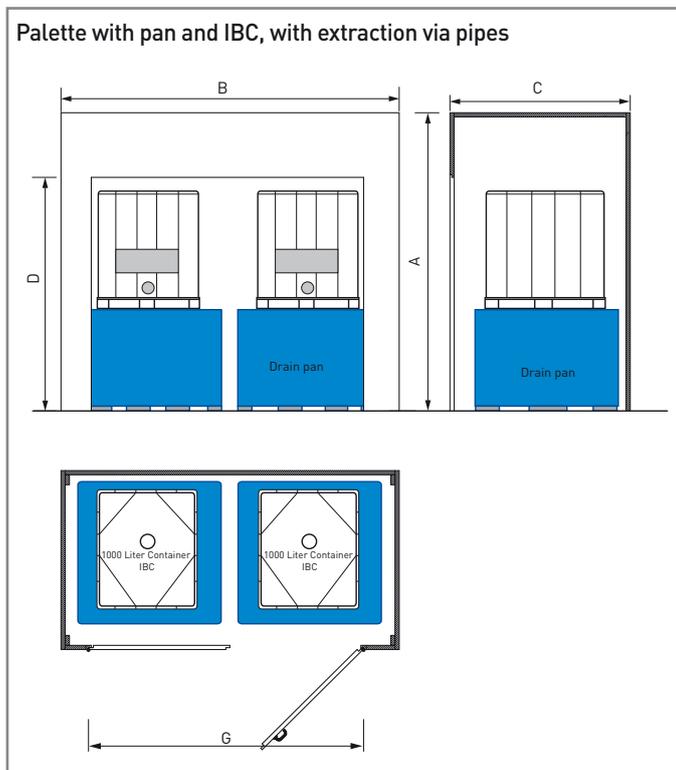
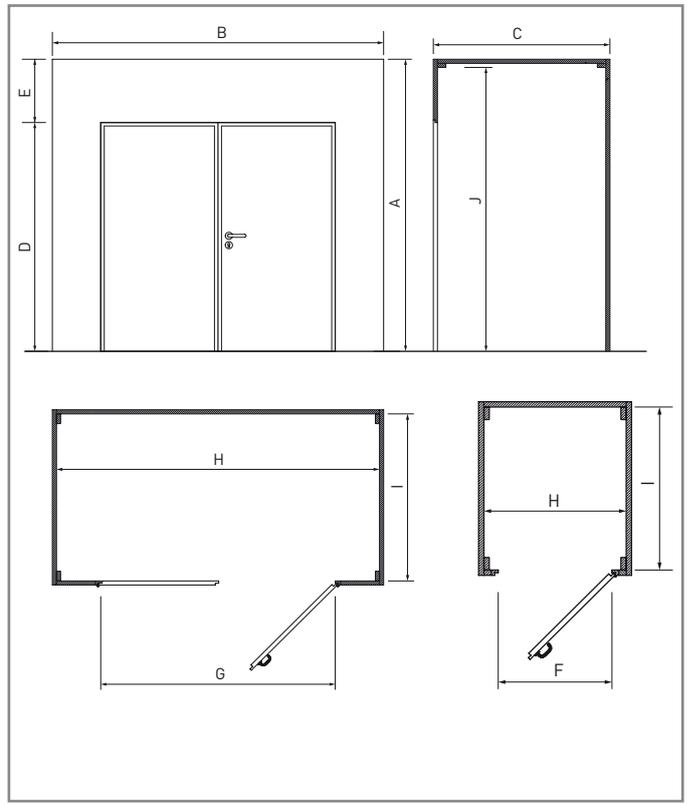
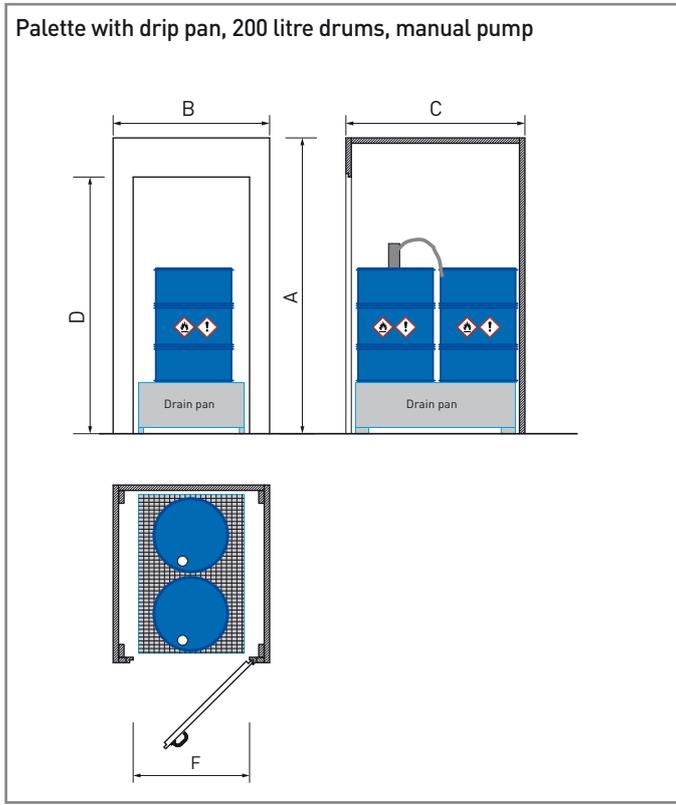
Construction & Equipment

- Room with high mechanical resistance
- Barrier-free access with pallets, drums and compressed gas cylinders
- Door(s) with 3D stainless steel strips, 3-point locking system, prepared for profile cylinder
- Suitable for the storage and removal of flammable liquids, acids and alkalis
- Room may be equipped with lighting, ventilation equipment, racks and drip pans
- Delivered on pallets, assembly on site

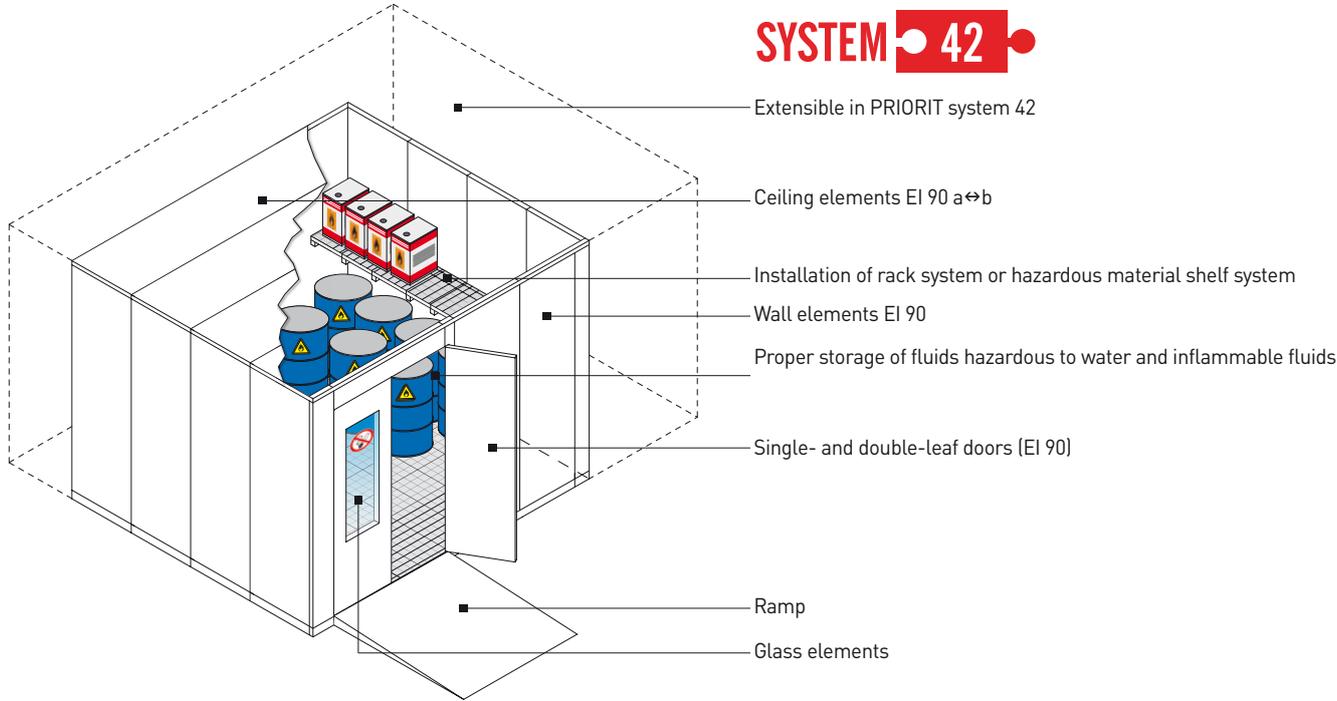
Material & Surface

- Building material with surface coating on both sides, classified A2 – s1, d0 non-combustible
- Standard surface CP laminate
- Colour light grey, similar to RAL 7035, edges and bevels in different colour

Application examples



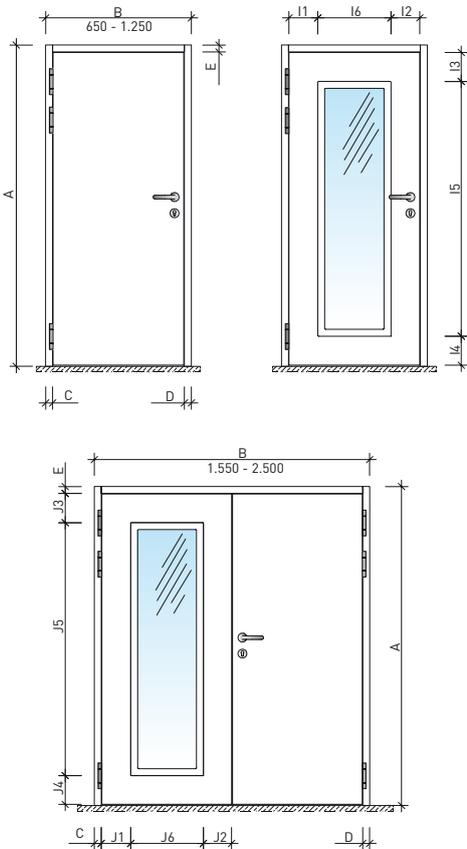
PRIORROOM GSL is offered on a project-by-project basis



POS	Designation	Dimensions Min. / Max. mm	Your dimensions mm
A	PRIOROOM Hight	Acc. statics information: ≤ 3670	
B	PRIOROOM Width	≤ 6500	
C	PRIOROOM Depth	∞	
D	Door clearance height	≤ 2500	
E	Frame height above door	1-leaf: 250 mm 2-leaf: 500 mm	
F	Door clearance width (single-leaf door)	≤ 1250	
G	Door clearance width (double-leaf door)	≤ 2500	
H	Length internal	≤ B - 170	
I	Depth internal	≤ C - 85	
J	Effective internal height	≤ A - 45	

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Standard door elements



POS	Designation	Dimensions Min. / Max. mm	Your dimensions mm
A	Exterior height of element	1.801 - 2.500	
B	Exterior width of element	550 - 2.485	
C	Frame width left	55 - 100	
D	Frame width right	55 - 100	
E	Frame width transverse top	55 - 100	
I1	Width of frieze - glass / swing side (active leaf)	≥ 180	
I2	Width of frieze - glass / lock side (active leaf)	≥ 175	
I3	Height frieze top (active leaf)	≥ 180	
I4	Height frieze bottom (active leaf)	≥ 180	
I5	Height glass (active leaf)	≤ 2.077	
I6	Wide glass (active leaf)	≤ 831	
J1	Width of frieze - glass / swing side (fixed leaf)	≥ 180	
J2	Width of frieze / lock side (fixed leaf)	≥ 175	
J3	Height of frieze top (fixed leaf)	≥ 180	
J4	Height of frieze bottom (fixed leaf)	≥ 180	
J5	Height of glass (fixed leaf)	≤ 2.077	
J6	Width of glass (fixed leaf)	≤ 831	

Standard fire protection glasses:

- 1000 mm x 350 mm
- 1600 mm x 600 mm



Products for safe storage of lithium-ion batteries

Options and accessories

- Doors or entire body in alternative RAL colours / surfaces, on request
- Smoke proof



- Doors in custom colour on request



- Fire damper



- Fire resistant cable compartment



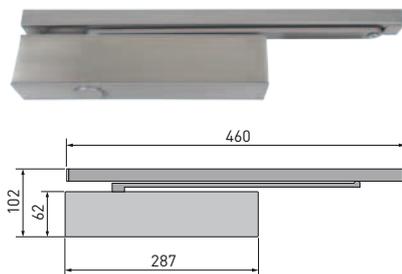
- Explosion protected smoke detector



- Panic hardware

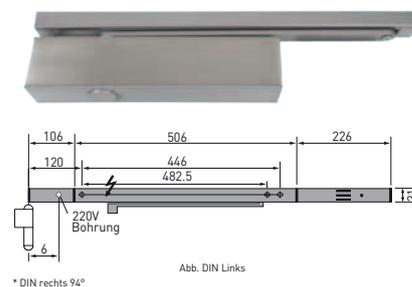
Accessories - Door closer for single leaf doors

TX1-TS61B Door closer TS61 with guide B



- Closing speed continuously adjustable
- Closing force continuously adjustable
- Latching action continuously adjustable
- Bar check continuously adjustable
- Closing delay (optional)
- Same model for DIN-L and DIN-R

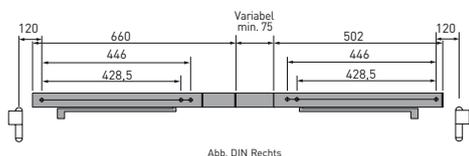
DZ-TS1RMR / DZ-TS1RML Door closer TS61 with guide EFR



- Guide with electromagnetic hold-open device, smoke detector with power supply
- Activated by smoke detector with power supply
- Input 220 V AC
- DZ-TS1RMR for DIN R
- DZ-TS1RML for DIN L

Accessories - Door closer for double leaf doors

TX2-TS61S Door closer TS61 with closing sequence control



- Closing speed continuously adjustable
- Closing force continuously adjustable
- Latching action continuously adjustable
- Bar check continuously adjustable
- Closing delay (optional)

Art.	Accessories
Light, air	
EP.E.8735	EX-2 illuminating, 2 x 36 Watt; material: plastic
TTW-LL-K90	K90 shut-off DI 100 triggered by thermal detectors, ready for installation for SYSTEM42 constructions, with a connecting sleeve on one side for DN 100
KRS125	Cable and pipe compartment d = 135 mm
Door handles, locking cylinder	
EP.B.8066	Profile double cylinder – simultaneous locking, without rosette
EP.B.8709	Profile double cylinder – keyed differently
EP.B.7976	Door handle set stainless steel
EP.B.8707	Profile cylinder rosette stainless steel matt, 1 pair including bolts
DZ-ROS2	Profile cylinder rosette, pair
EP.B.8901	Handle pin 9 mm, L = 130 mm
EP.B.8902	Blind rosette V2A matt
EP.B.8963	Pin for door with drill hole on one side only L = 80mm, square shaft 9 mm
DZ-D1-V2A	FS handle aperture with rosette, with hook, half spindle 9 mm for door with drill hole on one side only, brushed stainless steel
DZ-SHV4A	Turning lever V4A 1.4571, including square shaft 9 mm
EP.B.9104	Door damper R1400 DICTATOR, hook 1014, 80 N, chromium-plated
Door closer for single leaf doors	
TX1-TS61B	Door closer TS61 with guide B
DZ-TS1RMR	Door closer TS61 with guide EFR for DIN R
DZ-TS1RML	Door closer TS61 with guide EFR for DIN L
Door closer for double leaf doors	
TX2-TS61S	2 x door closer TS61 with closing sequence control with guide SR
Panic release	
EP.B.8612	Panic bar handle plastic/aluminium
EP.B.8613	Panic bar handle stainless steel
EP.B.8614	Panic push bar

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