Cabinets & Shelters

Comprehensive protection solutions that exceed conventional protective cabinets

INTERTEC protective cabinets and shelters are built using a modular system of walls, doors, floor and roof elements made of polyester composites and a polyurethane foam core. Solutions made from these components combine strength and rigidity with above-average protection and are able to withstand any extreme climatic conditions.

Our cabinets and shelters are manufactured as complete solutions with a full range of accessories, such as Heaters (pg. 44), Cooling Units (pg. 56), Ventilation Units (pg. 54), electric installation, lighting equipment, pipe and cable seals, mounting systems, etc.
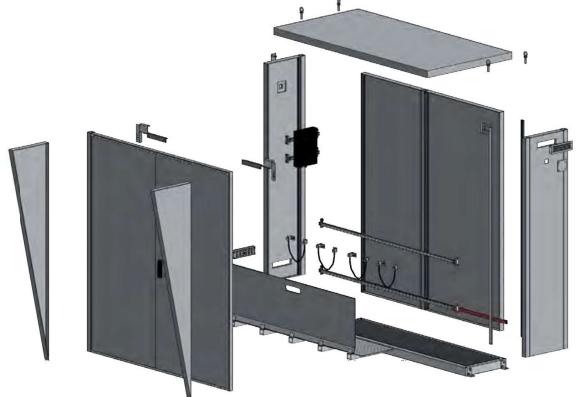
Advantages of all types

- Corrosion resistance
- Maintenance-free materials
- Decades of service life
- UV- and scratch-resistant gelcoat
- Electrical insulation
- High strength, low weight
- Easy machining
- Thermal insulation
- High quality
- Certified production
- Transparent to radio waves
- Easy removal of graffiti
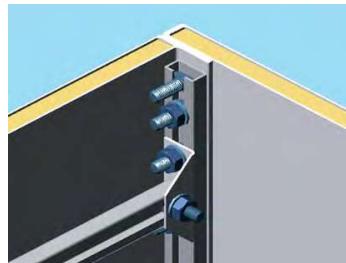- Custom colors

Protection and safety

- Ingress protection up to IP68
- Optional: CSA Type 4X/Type 3RX for cabinets
- GO option for explosion protection (pg. 9) (all requirements of IEC 60079-0 for ATEX and IECE x)
- B1 fire rating, F30 fire resistance rating
- Fire resistance class up to 120 minutes (FIRE SHELTER)
- Active, passive or hybrid cooling
- Heat resistance (up to 160°C)
- Extreme thermal insulation for Arctic or tropical climate
- Protection against storm (up to 240 km/h)
- Earthquake/Seismic-proof
- Leakproof floor (German Water Resources Law §19)
- Optional: Ex p pressurization

Protective Cabinet and Shelter Designs
https://www.intertec.info/en/cabinets-shelters

BASIC Construction

This light-duty construction for small to medium-sized cabinets provides enough stability for the cabinet itself and the mounted instruments within using only walls made from a polyurethane foam core sandwiched between two glass fiber reinforced polyester sheets.

Features & advantages

- Free-standing or wall-mounted
- Protection class IP65 (single door) or IP54 (double door)
- Vertical C-rails provided on the rear wall
- Door lock: Double-bit lock insert in stainless steel for cabinet series 100 with single doors; otherwise with additional three-point locking device and swing handle

Type	Height (mm)	Type	Width (mm)	Type	Depth (mm)
100.xxx.xxx	1045	xxx.040.xxx	440	xxx.xxx.030	300
125.xxx.xxx	1295	xxx.060.xxx	640	xxx.xxx.040	400
150.xxx.xxx	1545	xxx.080.xxx	840	xxx.xxx.060	600
175.xxx.xxx	1795	xxx.100.xxx	1040	xxx.xxx.080	800
200.xxx.xxx	2045	xxx.129.xxx	1290	xxx.xxx.100	1000

For individual specifications, the BASIC VARIO variant can be flexibly adapted.

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