

## ARCTIC SHELTER Technical Data

### Material

Wall panels and doors reinforced	Special sandwich design with exterior Gel Coat finish of glassfibre polyester (GRP) inside and outside with core of rigid polyurethane foam (PU)
Roof	Sandwich construction (manufactured similar to wall panels) - GRP with polyurethane foam core - Other roof designs available upon request
Floor	GRP with polyurethane foam core (manufactured same as wall panels), different floor designs available (see data sheet "Floor Versions")

### Fire Performance

Material class B2 to DIN 4101-1 "normally flammable" (self-extinguishing according to Bunsen burner test)  
Option: material class B1 to DIN 4102-1 "hardly flammable"  
Option: fire resistance class F30 to F120  
 Other fire classifications possible upon request

### Heat Transfer Coefficient

Depending on wall thickness, available upon request

### Temperature Resistance

-60° ...+100°C, higher temperature resistances upon request

### Surface Resistance

10<sup>12</sup> Ohm  
Option: GO antistatic to avoid electrostatic charges according to DIN EN IEC 60079-0

### UV Resistance

Yes

### EMC Screening

Available as an option

### Colour

White RAL 9010  
 Other colours upon request

### Type of Protection

Standard IP 65-NEMA 4x

### Wall Thickness

50 mm  
 Option: choice of wall thicknesses from 40 mm (no increments)

### Door locking

Single point latching system  
 - For shelters with standard door thicknesses of up to 50 mm:  
 Lockable handle with profile cylinder, optionally with panic bar  
 For shelters with door thicknesses of more than 50 mm:  
 - Mortise lock (lockable with profile cylinder),  
 Panic hardware in stainless steel is an option

### Door Opening Angle

180 degrees

### Window

Laminated glass, fixed or hinged as required