

Data Sheet

SENTINEL ROOFING RESIN

Appearance

Pink / Orange liquid

Main resin characteristics

Medium reactivity ortho
Thixotropic Pre-accelerated
Reduced styrene emission

Shelf life and storage

- Store in the shade out of direct sunlight below 30°C in **sealed containers**

- The shelf-life will be reduced if the resin is exposed to higher temperatures

- Product can be stored maximum 3 months after receiving date, if kept in appropriate conditions and below its maximum storage temperature.

Refer to the Safety Data Sheet for detailed storage instructions.

Moulding information

Hand lay-up

Other possible process

Spray-up

Precautions for handling

Please find the current SDS on our website www.pbpltd.co.uk

Sentinel GRP is a 'Brooft4' fire rated system with unrestricted use.

Characteristics, Methods and Conditions	Values (Average values)
Liquid properties	
- Viscosity (dPa.s): V23M2V50 @23°C	4.5 - 6.5 dPa.s
- Solids content (%): NS PC 53	56 - 60%
- Reactivity : R151, 1.5% b/v MEKP 50 @23°C	
- Gel time	14 - 18 minutes
- Peak time	27 - 37 minutes
- Peak temperature	80 - 100°C
Mechanical properties (cured resin not reinforced)	
-Tensile ISO 527 (1999)	
- Tensile strength (MPa)	tbc
- Elongation at break (%)	
Flexural ISO 178 (2003)	
- Flexural strength (MPa)	tbc
- Flexural modulus (MPa)	
Thermomechanical properties (cured resin non reinforced)	
-HDT ISO 75-2 A (1999) (°C):	tbc