

# SILVERSEEL

## BASECOAT RESIN

### Appearance

Homogeneous pink liquid resin

### Main resin characteristics

Orthophthalic unsaturated polyester  
Thixotropic – Preaccelerated  
Low styrene emission

### Moulding information

Spray up

### Main applications

Industrial parts

### 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  
- Use within shelf life specified on the container.  
For tanker deliveries the shelf-life is 3 months after delivery date

### Other possible process

Hand lay up

### Other possible applications

### Precautions for handling

Please find the current SDS on internet [www.silverseel.co.uk](http://www.silverseel.co.uk)

Characteristics, Methods and Conditions	Values (Average values)
<b>Liquid properties</b> -Specific gravity at 20 °C : -Viscosity (dPa.s) : V25 M2V50 -Solid content (%) : PC53 -Reactivity : Méthod : Test temperature : Catalyst system : Gel time : Peak time : Peak temperature :	1.10 g/cm <sup>3</sup> Brookfield at 23°C 4.5 – 6.5 56 - 60 R151 (tube test) 23 °C 1.5 % MEKP 50 14 - 18 min 27 - 37 min 90 - 110 °C
<b>Mechanical properties</b> (cured resin non reinforced) -Specific gravity at 20 °C : -Volumetric shrinkage (%) : Post cure (16hrs at 40 °C) -Tensile ISO 527 (1999) -Tensile Modulus (MPa) : -Tensile strength (MPa) : -Elongation at break (%) :  -Flexural ISO 178 (2003) -Flexural strength (MPa) : -Flexural modulus (MPa) :	1.20 g/cm <sup>3</sup> 7  3715 57 2.3  98 3630
<b>Thermomechanical properties</b> (cured resin non reinforced) -HDT ISO 75-2 A (1999) (°C):	58 (2hrs at 120°C)

As the resin includes a film-forming agent we recommend that the laminate should first be rubbed down before bonding or relaminating