DATA SHEET

FINISHING GELCOAT, spatulable

PLASTOGEL ACCELERATED PARAFFIN

This finishing gel coat is formulated from an isophthalic resin base. It is used to create laminated coverings with very good mechanical and thermal properties on a non-aggressive environment.

The paraffin-treated gel-coat has several advantages:

- Very good mechanical and thermal properties
- Good resistance to the weather and to UV light,
- Flexibility of use
- Suitable for foodstuffs

It can be required for:

- Industrial parts
- Bodywork components
- Tanks, silos, etc.

PHYSICAL CHARACTERISTICS, UNCURED

Density : ..... 1.18 – 1.24 (DEV MOP 02-09)
Viscosity : ..... 380000 – 420000 mPa.s (DEV MOP 02-02)
Thixotropic index : ..... >5 (DEV MOP 02-02)
Dry extract : ..... 70 – 75 % (DEV MOP 02-06)
Gel time : ..... 5 – 9 minutes (DEV MOP 02-01)
Stratification time : ..... 45-60 minutes (DEV MOP 02-13)

Continuous monitoring of the production lots enables the above data to be reproduced.

MECHANICAL CHARACTERISTICS OF THE BASE RESIN

Traction strength : ..... 80 MPa (ISO 527-2)
Elasticity modulus : ..... 3500 MPa (ISO 527-2)
Extension to break : ..... 4.3 % (ISO 527-2)
HDT : ..... 89°C (ISO 75/A)

APPLICATION

Add approximately 1.5 up to 2 % of catalysing agent PMEC. Mix carefully. Clean the surface and remove the grease from it. Apply one coat of 0.6 up to 0.8 mm. Setting time: 7 minutes at 20°C. This gelcoat can be used on a polyester resin or on a polyester mastic after sanding, for more important repair. Complete hardening: 5 hours at 20°C. If necessary, thinning by the addition of 5 % of acetone or styrene.

PACKING AND STORAGE

Packaging : ..... 250 g with catalyst, 750 g with catalyst, 5 kg and 25 kg

Storage: ..... 4 months from date of manufacture, in original container, away from the light and all sources of heat.
Temperature : < 20°C

PRECAUTIONS FOR USE

Keep away from all sources of heat, ignition. Do not smoke. Avoid the contact with the skin and the eyes. Keep away from static electricity.

HEALTH AND SECURITY

See the safety data sheet

SOROMAP PEINTURE VERNIS ZA de Beligon – 1 Rue Maurice Mallet 17300 ROCHEFORT S/MER
Tél : 05 46 88 36 13 • Fax : 05 46 88 36 25 • Email : william.thomas@soromap.com