

DESCRIPTION

Poltix Gelcoat Plamuur is a filler based on medium reactive unsaturated polyester resins.

PRINCIPAL CHARACTERISTICS

- Suitable as repair filler for transparent polyester products;
- Thixotropic;
- Pre-accelerated;
- Low shrinkage during and after curing;
- When combined with Poly Pigmentpaste any desired colour can be obtained;
- Good sanding properties.

COLOURS AND GLOSS

Transparent – Matt

BASIS PROPERTIES (AT 20 °C AND 50% R.H.)

Density	:	approx. 1,1 g/cm ³
Solid content	:	approx. 100 % (volume)
Recommended d.f.t.	:	depending on surface condition
Dust dry after	:	15 minutes, surface remains slightly tacky
Full cure after	:	60 minutes
Recoating interval	:	min. 60 minutes, see additional information max. unlimited, provided clean, dry and sanded
Shelf life	:	separate components, stored cool and dry in original packaging, minimum 6 months
Flash point (DIN53213)	:	base component 34 °C hardener component 52 °C (MEK peroxyde)

SPREADING RATE

At 500 µm (d.f.t.) : approx. 1,8 m²/kg

The practical spreading rate depends on a number of variables, such as: shape and size of object, the condition and profile of the substrate, the method of application, environmental conditions and skill of labour.

SUBSTRATE CONDITION AND TEMPERATURE

Polyester : clean and dry, in good condition, free from any contamination, loose particles and other foreign matter; sanded with gritpaper P120 and degreased with Double Coat Degreaser.

During application and curing a minimum temperature of 15 °C is allowed. The temperature of the substrate should be minimum 3 °C above dew point.

INSTRUCTIONS FOR USE

Before use, mix base and hardener components thoroughly.

Mixing ratio : 100 base : 2 harder (by weight)
Do not prepare more material than can be applied within the pot life of the mixture.

Induction time : none
Pot life : 8 minutes at 25 °C
10 minutes at 20 °C
15 minutes at 15 °C

Application with :

	Putty knife
Type of thinner	n.a.
% of thinner	n.a.
Nozzle orifice	n.a.
Nozzle pressure	n.a.
Cleaning with	Double Coat Brushthinner or Double Coat Degreaser

ADDITIONAL INFORMATION

- Colouring Poltix Gelcoat Plamuur
Add Poly Pigmentpaste to Poltix Gelcoat Plamuur and mix thoroughly. Add 5 to 15% by weight of Poly Pigmentpaste. When homogeneous, add the hardener.
- Hardener
As hardener/catalyst we recommend Butanox M50 (Akzo Nobel) or Peroxan ME50L (Pergan). After mixing the base component with the harder the temperature of the mixture will increase rapidly due to an exothermic reaction. Do not prepare more material than can be applied within the pot life of the mixture.

SAFETY INFORMATION

See the corresponding Material Safety Data Sheet for detailed instructions on safety, disposal and health.

Date September 14
260-99999

Disclaimer

Although the information and recommendations are presented in good faith and believed to be correct at date of issue, De IJssel Coatings B.V. makes no representations as of the completeness or accuracy thereof. In no event De IJssel Coatings B.V. will be responsible for damages of any nature whatsoever resulting from the use of this information.