

DESCRIPTION

Poltix Reiplamuur is a rule filler based on medium reactive unsaturated semi-flexible polyester resins.

PRINCIPAL CHARACTERISTICS

- Suitable as repair filler for polyester products;
- Recommended as fairing filler for cosmetic or surface applications like shaping, filling or fairing of polyester products;
- Low shrinkage during and after curing;
- Excellent filling properties;
- Excellent adhesion to polyester;
- Very good sanding properties.

COLOURS AND GLOSS

Light grey – Matt

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

Density	: approx. 1,7 g/cm ³
Solid content	: approx. 100 % (volume)
Recommended d.f.t.	: 200 – 5,000 µm, depending on surface condition
Dust dry after	: 30 minutes
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 3 months
Flash point (DIN53213)	: base component 31 °C hardener component 65 °C

SPREADING RATE

At 500 µm (d.f.t.)	: approx. 0,9 m ² /kg
At 1.000 µm (d.f.t.)	: approx 1,7 m ² /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 : 1 to 3 Poltix LZ hardener (by weight)
Do not prepare more material than can be applied within the pot life of the mixture.

Induction time	: none
Pot life	: When 2% Poltix LZ hardener is added: 10 minutes at 25 °C 15 minutes at 20 °C 20 minutes at 15 °C

Application with _____ :

	Putty knife fairing ruler
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

- Application
Use Poltix Reiplamuur only for surfaces above the waterline (i.e. surfaces not continuously submerged in water)

- Recoating Poltix Reiplamuur

	15 °C	20 °C	25 °C
Minimum, with Poltix Reiplamuur or IJmofix, after degreasing and sanding with P80-120	90 minutes	60 minutes	45 minutes
Minimum, with epoxy or Double Coat, after degreasing and sanding P120-180	90 minutes	60 minutes	45 minutes
Maximum, with epoxy or Double Coat, after degreasing and sanding P120-180	no limit	no limit	no limit

- Hardener
As hardener/catalyst we recommend Poltix LZ hardener. Using standard peroxides such as Butanox M50 (Akzo Nobel) or Peroxan ME50L (Pergan) will result in a too short pot life. De potlife may be adjusted using more or less Poltix LZ hardener:

% Poltix LZ hardener	1 %	2 %	3 %
Potlife at 20 °C	50 minutes	15 minutes	10 minutes

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.

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Disclaimer

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