

DESCRIPTION

Poltix SPUITplamuur (Spray filler) is a polyester filler based on a unsaturated, semi-flexible polyester resin, suitable for application by spray.

PRINCIPAL CHARACTERISTICS

- Suitable as finishing filler for polyester surfac;
- Especially suitable as finishing filler for polyester, wood or steel models and moulds;
- May be recoated with Double Coat without the use of primers;
- Excellent filling properties, very smooth finish;
- Excellent adhesion to wood, steel or polyester surfaces;
- Very good sanding properties, both wet or dry;
- Larger irregularities should first be filled with Poltix Vezelplamuur and/or Poltix Superplamuur.

COLOURS AND GLOSS

Grey – Flat

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

Density	:	approx. 1,5 g/cm ³
Solid content	:	approx. 70 % (volume)
Recommended d.f.t.	:	350 – 450 µm (dry), depending on application
Dust dry after	:	approx. 40 minutes
Sanding after	:	approx. 3 hours
Full cure after	:	approx. 90 minutes
Recoating interval	:	min. 8 hours max. unlimited, provided free from contamination
Shelf life	:	separate components, stored cool and dry in original packaging, at least 6 months
Flash point (DIN53213)	:	base component 14 °C hardener 65 °C (cyclohexanon peroxide)

SPREADING RATE

at 350 µm (d.f.t.)	:	approx. 2,0 m ² /l
at 450 µm (d.f.t.)	:	approx. 1,6 m ² /l

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

SUBSTRATE CONDITION AND TEMPERATURE

Steel	:	dry and free from rust, oil, grease, contamination, old paint layers and loose particles, sanded with grit paper P80 and degreased with Double Coat Ontvetter;
Reinforced polyester	:	dry and free from oil, grease, contamination, old paint layers and loose particles, sanded with grit paper P120 and degreased with Double Coat Ontvetter;
Wood	:	clean and dry, in good condition, free from any contamination and loose particles, preferably sanded with grit paper P120;
Polyester fillers	:	(E.g. Poltix Vezelplamuur, Poltix Superplamuur or IJmofix) dry and free from oil, grease, contamination, old paint layers and loose particles, dry sanded with grit paper P220-280 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 hardener (parts by weight)

Do not prepare more material than can be applied within the potlife of the mixture.

Induction time : None

Pot life : 15 minutes at 25 °C

30 minutes at 20 °C

40 minutes at 15 °C

Application with :

	Airspray
Type of thinner	Ethylacetate
% of thinner	0 – 5 %
Nozzle orifice	2-3 mm
Nozzle pressure	2 – 3 bar
Cleaning with	Double Coat Spuitverdunner, Ethylacetate

Apply Poltix Spuitplamuur preferably using conventional spray equipment.

ADDITIONAL INFORMATION

- Hardener
Use only the hardener supplied with the base component. The hardener contains peroxides. 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.

- Forced curing of Poltix Spuitplamuur
Curing interval of Poltix Spuitplamuur may be accelerated. Curing times at elevated temperatures are:

Temperature	Cured after
60 °C	Approx. 30 minutes
80 °C	Approx. 15 minutes

Leave the surface for a few minutes before increasing temperature. Faster curing could lead to excessive shrinking.

- Sanding of Poltix Spuitplamuur
Poltix Spuitplamuur can be sanded dry or wet:
 - Dry: Sanding with P100 to P120, finish with P220 to P240;
 - Wet: Sanding with P220 to P240, finish with P320 to P360.
When wet sanding the surface should be allowed to dry thoroughly.
- One component coating system
Do not apply Poltix Spuitplamuur to surfaces treated with one component coating systems.

SAFETY INFORMATION

This product contains solvents. Take all necessary safety measurements when using this product and arrange proper ventilation and safety equipment for all personnel. For details on safety and health see our material safety data sheet.

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Disclaimer

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