

DESCRIPTION

Variopox Injection Resin is a two component epoxy primer based on low viscosity solvent free epoxy resins and polyamine adduct hardeners.

PRINCIPAL CHARACTERISTICS

- First coat in epoxy coating and adhesive systems for wood, osmosis repair systems for polyester or concrete epoxy flooring systems;
- Reduces absorption of surfaces;
- Improves adhesion of epoxy and polyurethane coatings;
- Good resistance to various chemicals;
- Good sandibility;
- Good resistance to immersion in (salt) water;
- May be recoated with Variopox Impregnating resin, Variopox Resin, IJmopox ZF primer, IJmopox HB coating, Variopox Rolcoating or Double Coat.

COLOURS AND GLOSS

Transparent - Semi gloss

BASIS PROPERTIES (AT 23 °C AND 50% R.H.)

Density	:	approx. 1,1 g/cm ³ (mixed product)
Solid content	:	approx. 100 % (volume)
Recommended d.f.t.	:	depending on application
Dust dry after	:	approx. 6 hours
Full cure after	:	2 days, see additional information
Recoating interval	:	min. 24 hours, see additional information max. unlimited, provided clean and dry
Shelf life	:	separate components, stored cool and dry in original packaging, minimum 6 months
Flash point (DIN53213)	:	base component >100 °C hardener 112 °C

SPREADING RATE

Depending on application : approx. 4,0 - 6,0 m²/kg (approx. 3,6 - 5,5 m²/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, climatologic conditions and skill of labour.

SUBSTRATE CONDITION AND TEMPERATURE

Wood	:	clean and dry, free from any contamination and loose particles, moisture content maximum 12% and sanded with grit paper P120;
Polyester	:	in osmosis repair systems, completely removed gelcoat and sufficiently dry and sanded with grit paper P120;
Other surfaces	:	clean and dry, in good condition, free from any contamination and loose particles and sanded with grit paper P120;

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	:	67,0 base : 33,0 hardener (by weight) 65,0 base : 35,0 hardener (by volume)
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Do not prepare more material than can be applied within the pot life of the mixture.

Induction time : none at 20 °C
 Pot life : 15 minutes at 25 °C
 30 minutes at 20 °C
 45 minutes at 15 °C

Application with:

	Brush/roller
Type thinner	n.a.
% of thinner	
Nozzle orifice	n.a.
Nozzle pressure	n.a.
Cleaning	Double Coat Degreaser

Do not mix Variopox Injection Resin with solvents.

ADDITIONAL INFORMATION

- Recoating and curing Variopox Injection Resin:

	15 °C	20 °C	25 °C
Minimum, with IJmopox or Variopox, after sanding with grit paper P120	36 hours	24 hours	24 hours
Minimum, with Double Coat, after sanding with grit paper P180	3 days	2 days	2 days
Maximum, with IJmopox, Variopox or Double Coat, after sanding with grit paper P120-P180	unlimited	unlimited	unlimited
Fully cured after	3 days	2 days	2 days

- Pot life
Do not continue application when the pot life is about to end. As the reaction between base and hardener has progressed, a poor adhesion will be the result.
- Application of Variopox Injection Resin at lower temperatures:
Curing at temperatures lower than 15 °C will result in a sticky layer on top of the cured resin. This will negatively affect adhesion of following coatings.

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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