

## 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 <sup>3</sup> (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 m<sup>2</sup>/kg (approx. 3,6 - 5,5 m<sup>2</sup>/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)

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.

Date: October '11  
319-99999

#### *Disclaimer*

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