

**DESCRIPTION**

Variopox Rolcoating is a Thixotropic, two component, epoxy coating based on solvent free epoxy resins and a polyamine adduct hardener.

**PRINCIPAL CHARACTERISTICS**

- Suitable as general purpose epoxy coating;
- Solvent free, therefore recommended for confined spaces and difficult to ventilate areas;
- Easy application by brush or roller;
- Resistant against water, oil, grease, petrol and various other chemicals;
- Good resistance to impact and abrasion;
- Recommended as coating behind linings, bilges, sanitary units, flooring, etc.;
- Will chalk under atmospheric exposure conditions.

**COLOURS AND GLOSS**

Light grey, other colours on request - Gloss

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

Density	:	approx. 1,4 g/cm <sup>3</sup> (mixed product)
Solid content	:	approx. 100 % (volume)
Recommended d.f.t.	:	100 - 150 µm (depending on application)
Dust dry after	:	approx. 4 hours
Full cure after	:	approx. 4 days, resistant to foot traffic after 24 hours
Recoating interval	:	min. not applicable max. not applicable
Shelf life	:	separate components, stored cool and dry in original packaging minimum 12 months
Flash point (DIN53213)	:	base component 150 °C hardener 112 °C

**SPREADING RATE**

At 100 µm (d.f.t.)	:	10,0 m <sup>2</sup> /l
At 150 µm (d.f.t.)	:	6,7 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%, pre-treated with Variopox Injection resin and/or Variopox Impregnating resin and sanded with grit paper P120-P180;
Steel	:	clean and dry, free from corrosion, contamination and loose particles, preferably grit blasted to ISO Sa 2½ and pre-treated with IJmopox ZF primer;
Aluminium	:	clean and dry, free from contamination and loose particles, preferably sanded with grit paper P60-P80 and pre-treated with IJmopox ZF primer;
Polyester	:	clean and dry, free from contamination and loose particles, preferably sanded with grit paper P60-P80 and rinsed with Double Coat Degreaser;
Concrete	:	clean and dry, free from any contamination and loose particles, moisture content maximum 4%, pre-treated with Variopox Injection resin;
Other surfaces	:	clean and dry, in good condition, free from any contamination and loose particles, sanded with grit paper P120-180;

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 : 80,0 base : 20,0 hardener (by weight)  
71,9 base : 28,1 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  
20 minutes at 20 °C  
30 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 add any solvent to Variopox Rolcoating.

**ADDITIONAL INFORMATION**

- Curing of Variopox Rolcoating:

	15 °C	20 °C	25 °C
Resistant to foot traffic	36 hours	24 hours	16 hours
Fully cured after	4 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 Rolcoating 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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