

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 ³ (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 ² /l
At 150 µm (d.f.t.)	:	6,7 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, 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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