

DESCRIPTION

Variopox Filler is a two component filler based on epoxy resins with fine extenders.

PRINCIPAL CHARACTERISTICS

- Excellent adhesion to wood, steel, polyester and other surfaces provided pretreated with suitable primers;
- Water vapour impermeable;
- Resistant to various chemicals;
- Easy to sand;
- Semi-flexible;
- Suitable for permanent immersion in (sea) water.

COLOURS AND GLOSS

Light green - Flat

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

Density	: approx. 1,5 g/cm ³ (mixed product)
Solid content	: approx. 100 % (volume)
Dust dry after	: approx. 2 hours
Full cure after	: approx. 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 12 months
Flash point (DIN53213)	: base component 150 °C hardener 112 °C

SPREADING RATE

at 500 µm (d.f.t.) : 1,1 m²/kg

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

Steel	: dry and free from any contamination such as rust, grease, oil and loose particles, grit blasted to ISO Sa 2½ and pre-treated with IJmopox ZF primer;
Wood	: dry and free from any contamination such as grease, oil and loose particles, moisture content maximum 12%, pre-treated with Variopox Injection resin and sanded with grit paper P120;
Reinforced polyester	: dry and free from any contamination such as grease, oil, loose particles, sanded with grit paper P120-180 and degreased with Double Coat degreaser;
Other substrates	: clean and dry, in good condition, free from any contamination and loose particles, pre-treated with IJmopox ZF primer or Variopox Injection resin.

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)
67,0 base : 33,0 hardener (by volume)

Do not prepare more material than can be applied within the pot life 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 :

	Putty knife
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 Filler.

ADDITIONAL INFORMATION

- Recoating and curing of Variopox Filler:

	15 °C	20 °C	25 °C
Minimum, with IJmopox ZF primer or IJmopox HB coating, after sanding with P120-180	2 days	24 hours	24 hours
Maximum, with IJmopox ZF primer or IJmopox HB coating, after sanding with P120-P180	unlimited	unlimited	unlimited
Fully cured after	4 days	2 days	2 days

We recommend to apply to Variopox Filler first a coat of IJmopox ZF primer or IJmopox HB coating before a finishing coat of Double Coat is applied. Only small repairs of Variopox Filler can be recoated directly with Double Coat. In that case we recommend to apply two touch-up coats.

- 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.

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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