

IPAPOX IH/R

Low-Viscose Epoxy-Injection and mortar resin with very fast reaction time

Product Specifications:

IPAPOX IH/R is a modified, solvent-free 2-component epoxy resin of very fast reaction time.

Areas of Application:

- Adherence-actuated grouting of cracks
- application at temperatures below 8°C but higher than 0°C
- Priming coats preparatory to special applications of solvent-free IPAPOX B/TR and IPAPOX B/DB coating resins.

Action (Properties):

Upon mixing, the components will cure into a hornlike, thermoset plastic material characterized by high compressive strength, bending-and adhesion strength, and shear resistance values.

Thanks to its special formulation, IPAPOX IH/R will adhere almost equally well to dry and moist substrates. IPAPOX IH/R is suitable for injections at low temperatures or to make priming coats or epoxy mortars at low temperature.

Safety Recommendations:

IPAPOX IH/R's component II is corrosive! Observe all protective measures prescribed by any competent social insurance association against occupational hazards in the chemical industry. Use gloves and protective goggles. Avoid any contact between the product and your skin. For improved protection, apply cream to your hands. Use a good deal of water to wash away any splashes of material reaching your skin or an eye; after-wards, immediately consult a physician.

Technical Data:

Material:	solvent-free, modified, 2-component epoxy resin
Appearance:	honey-colored, transparent
Viscosity at 25°C:	approx. 500 mPas
Density:	component I: 1.17 kg/ltr.
(at +20°C)	component II: 0,92 kg/ltr.
	Mixture : 1.1kg/ltr.
Mixing Ratio:	comp. I : comp. II
parts p. weight	2 :1
parts p. vol.	1,57 :1
Processing Time: (pot life)	approx. 20minutes at +20°C, assuming 1 kg of resin
Processing:	not below 0° C
Temperature: (temperature of substrate)	ready to be walked on after 12 hours, final strength after 3 days
Curing: (at +20°C)	
Compressive strength	> 80N/mm ²
Adhesive strength	concrete break
Elongation at Rupture:	approx. 5 %
Storage:	keep dry, protect against direct insolation
Shelf Life:	1 year within unopened container
Supplied In:	containers holding 4 kg or 12 kgs

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