

IPAPOX IH/R

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

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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 pressure, bending tension, 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.

Test Certificates:

Technical Data:

| | | | |
|----------------------------|---|--------------|----------|
| Material: | solvent-free, modified, 2-component epoxy resin | | |
| Appearance: | honey-colored, transparent | | |
| Viscosity at 25°C: | approx. 500 mPas | | |
| Density: | component I: | 1.14 kg/ltr. | |
| (at +20°C) | component II: | 1,0 kg/ltr. | |
| | mixture: | 1.1 kg/ltr. | |
| Mixing Ratio: | | comp. I: | comp. II |
| | parts p. weight | 5 | : 1 |
| | parts p. vol. | 4 | : 1 |
| Processing Time: | approx. 20 minutes at +20°C, assuming 1 kg of resin | | |
| (pot life) | | | |
| Processing: | not below 0° C | | |
| Temperature: | | | |
| (temperature of substrate) | | | |
| Curing: | ready to be walked on after 12 hours, final strength after 7 days | | |
| (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 1.2 kg or 12 kgs | | |

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; afterwards, immediately consult a physician.

Any advice we provide in writing or by word of mouth is intended to support your own efforts. It is to be understood as non-binding. Product descriptions imply no representation as to liability for damage, if any. Should there be any question of liability, it will be limited, in respect of any damage, to the value of any goods supplied and used.
