

IMPLAREST E



DESCRIPTION

Bi-component epoxy resin with active anti-corrosion and solvent agents. It is formulated to polymerize, with water, it has great adhesion and mechanic resistance.

ADVANTAGES AND USES

- It ensures the correct anchoring of concrete and cement or resin mortars.
- It has a metal elements passivation action.
- Great resistance to abrasion.
- It polymerizes without retraction even with water presence. Long application life.
- It can be used as bonding bridge between concrete and mortar.
- It can be used as primer for all kind of floors; it guaranties adhesion to the substrate.
- Floors which are going to be conducted on humid substrates.
- Suitable for industrial flooring, loading/unloading ramps, as well as for cement or resin mortar gluing.

SUITABLE SUBSTRATES

- The surface must be dry and clean, free from dust, greases, or spare particles.
- If the substrate is exceptionally smooth or polished, conduct a mile scarified, rusting or a shot blasting process in order to let the primer get into the substrate.

APPLICATION PROCEDURE

- Before mixing components A and B, shake component A by mechanic means at very low speed. (< 600 rpm).
- Immediately after pour component B on top of component A and keep moving the mixture for 3-4 minutes more until getting a homogeneous mixture.
- The ratio of the mixture A/B= 80/ 20.
- This product is generally applied using a roller or paint brush.

RECOMMENDATIONS

- Cleaning of the tools will be conducted with solvents immediately after being used.

PACKAGING AND STORAGE

Two components lot (A+B): 10 kg

- Component A: 8 kg container
- Component B: 2 kg container
- 10 Kg Kits.
- You may keep it for 12 months before expiry date.

CONCRETE REPAIR IMPLAREST E

TECHNICAL DATA

Colour	Red / Grey
Specific mortar weight	1.25 gr/cm ³
Brookfield viscosity 20°C	38- 40 cps.
Consumption	0,3/0.4 kg/m ² according to roughness / substrate
Solid content	> 80 %
Pot Life 20° C	120 -180 minutes
Dry to touch at 20°C	6- 7 hours
Finished polymerization	5 days
Limited temperature for use	10°C minimum
Adhesion to concrete	> Own cohesion of the substrate (>2,5 N/mm ²)
Adhesion to humid substrate	> Own cohesion of the substrate (>2,5 N/mm ²)
Suitable for vehicles.	48 hours
Compressive strength of concrete.	> 50 N/mm ²
Elongation to break.	> 1.5 %

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