

IMPLAREST® PU



DESCRIPTION

Implarest PU is a two-component semi-elastic cladding of polyurethane free from solvents. It prepares the surface for the application of water repellent claddings of great thickness and great resistance to abrasion.

ADVANTAGES AND USES

- It can be used as primer for the elastic cladding Morcemdry PU for water tightness treatments over concrete or mortar substrates, such as dams, canals, tanks or decanters.
- Safe drinking water deposits.
- Great adherence to the substrate.
- Negative pressures resistance.
- Impermeability.
- Abrasion resistance.

SUITABLE SUBSTRATES

Surfaces to be treated should be clean, without grease and dust in order to obtain an adequate adhesion. It is advisable to apply a pressure drip of sand or water (200 atm), which can also be sometimes replace by a mechanic or manual brushing / milling, etc.

APPLICATION PROCEDURE

- Stir each component before mixing them to remove grounds.
- Mix completely component B with component A. This will ensure that the volume proportion between component A and component B is correct.
- Stir with an electric mixer at low speed (less than 600 rpm) for 4 to 5 minutes, until getting a homogeneous product.
- The product is generally applied by brush or roller and if used as a primer can be diluted between 5-10% with xylene (depending on the porosity of the support). It can also be projected and for this it is necessary to dilute it between 10-15% with xylene (consult with the technical department).

RECOMMENDATIONS

- Every mixing and application equipment should be cleaned with solvents.
- Tools should be cleaned while the product is still fresh before it polymerizes.
- Please consult our Technical Department for any other application method which has not been specified in this data sheet.
- For any information regarding the safety in handling, transportation, storing and use of the product please consult the tag and the updated version of the Safety Data Sheet of the product.

PACKAGING AND STORAGE

10 kilos kits.

Implarest PU should be stored in its original packaging and in a dry place. Keep it between 5°C and 30°C. Once it has been open it should be used as soon as possible, as it considerably reduces its shelf life.

Shelf life: 1 year.

CONCRETE REPAIR IMPLAREST® PU

TECHNICAL DATA

Properties	Value
Colour	Red/ Grey/ Ral color under request
Mixture relation (A+B)	85/15
Specific weight	1.7 g/cm ³
Solids content	>99 %
Post – life 20°C	4 hours
Dry touch	4-6 hours
Breathable	24 hours
Time between layers	Previous layer must be dry- 72 hours maximum.
Advised average yield	500 g/m ²
Advised average thickness	250 – 300 micras
Put into service after	3 days
Traction resistance	26 Mpa
Concrete adherence	2,5 N/mm ² (own cohesion)
Abrasion Taber (Load 500 gr)	<0,79 mg/cycle
Water absorption (% in weight after 6 days)	<3
Negative pressure resistance 2kg/cm ²	Satisfactory after 72 hours
Elongation of the tear	2 %

LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

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