

IDEAL ROCK UMIDO

Adhesive solvent-free epoxy primer for wet surfaces

DESCRIPTION

Slightly thixotropic solvent-free epoxy adhesive for structural sealing and adhesion primer on wet surfaces.

USES

Compound specifically designed to be applied to very wet surfaces. It can be used for:

- Cold joints supporting floor slabs, beams, pillars and iron-cement-wood.
- Priming cold joints on old concrete floors.
- Priming epoxy mortars, such as Ideal Malta 05.
- Castable and injectable adhesion for structural sealing.
- Injection into cracks of underground walls, bridges and tunnel vaults.
- Reinforcement and waterproofing of brick, stone block bridges.
- (Fibre glass and carbon) tissue impregnation and carbon sheets for structural reinforcements.

FEATURES

- Slightly viscous thixotropic substance.
- Excellent adhesion to most substrates and to dry and wet foundations.
- Long contact time.
- Can be applied by brush, roller or spray.

SURFACE PREPARATION

- Surfaces must be clean, sound and free from any crumbly portions and grout.
- In order to obtain good adhesion, the surface must be rough if possible.
- In the case of wet surfaces, remove the water film.
- For injection or reinforcement works in the presence of dirt, or salts, it is recommended to wash the surface by pressure cleaning then cleaning by compressed air.

APPLICATION

- Pour component B into component A and mix by hand or with a low speed stirrer (electric drill) for at least 5 minutes. Remove with care any excess material along the walls and in the corners of the packaging.
- Apply by brush, roller, spray or injection, as required.
- Comply with the utilisation times.

Utilisation times (Pot life)

After mixing, components start to react chemically. The available application time is therefore limited.

at 15°C	approx. 90 minutes
at 25°C	approx. 30 minutes
at 35°C	approx. 20 minutes

TECHNICAL SPECIFICATIONS

DENSITY	approx. 1.2g/cm ³
LOWEST SETTING TEMPERATURE	5°C
TEARING RESISTANCE (DRY SURFACE)	>3.5N/mm ²
TEARING RESISTANCE (WET SURFACE)	>2.0N/mm ²
COMPRESSION RESISTANCE	>40N/mm ²
SHEAR RESISTANCE ON TEST PIECES GLUED AT 60°	>15 N/mm ²

Setting time

After applying the primer, mortar or concrete can be laid immediately. If it is not possible, the maximum time available is:

At 0°C	10 hours
at 5°C	7 hours
at 20°C	4 hours
at 25°C	3½ hours
at 30°C	2½ hours
at 35°C	2 hours

Coverage

Approx. 0.3 - 0.8kg/m², depending on substrate porosity and roughness.

PACKAGING AND STORAGE

IDEAL ROCK UMIDO is available in two different quantities of packaging:

Bucket + Bottle, 4.32 Kg (A+B)

In sealed and original containers, the product remains unchanged for at least 12 months stored in a closed and protected place at temperatures of 15-30°C.

WARNINGS

- To clean tools, use solvents such as acetone, alcohol, Toluol and trichloroethylene.
- Epoxy resins and hardeners can cause irritation. Please avoid skin contact and splashes into the eyes.
- Wear gloves and working suits. Those who are working over a long period with epoxy resins should use a protective cream such as Turexan.
- If contaminated with epoxy resin or mortar, wash immediately with water and soap or with a special paste, such as Kerocleanse 22. Do not wash with solvents.
- In case of splashes into the eyes, wash immediately with water for 10/15 minutes then call a physician.
- Do not use empty containers of resin or hardener to store other substances or foodstuffs.

IMPORTANT:

All the information contained in this sheet is based on the best practical and laboratory applications. It is the customer's responsibility to check the product is suitable for the intended use. The manufacturer declines any responsibility for wrong application. It is recommended to carry out tests on small areas before application. This sheet replaces and cancels any previous one. The data contained can be changed at any time. Ideal Work products are for professional use and the company organises periodical training for its customers on demand. Anyone who uses these products without qualification takes all the associated risks.

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