# IDEAL ROCK UMIDO

## Adhesive solvent-free epoxy primer for wet surfaces

### DESCRIPTION

Slightly thixothropic 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 thixothropic 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 crumby 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.

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

## TECHNICAL SPECIFICATIONS

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| DENSITY | approx. 1.2g/cm³ |
| LOWEST SETTING TEMPERATURE | 5°C |
| TEARING RESISTANCE (DRY SURFACE) | >3.5N/mm² |
| TEARING RESISTANCE (WET SURFACE) | >2.0N/mm² |
| COMPRESSION RESISTANCE | >40N/mm² |
| SHEAR RESISTANCE ON TEST PIECES GLUED AT 60° | >15 N/mm² |

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

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| 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, 1.08 Kg (A+B)
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.



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