

## MT-PRIMER

### Water-based, two-component epoxy primer for Microtopping

#### DESCRIPTION

MT-PRIMER is a two-component water-based pure epoxy primer and amide polymer. It forms homogeneous mixtures that improve the mechanical properties of cement surfaces like self-levelling compounds.

#### CHARACTERISTICS

- MT-PRIMER is ideal as an anchor coating on sand-cement and self-leveling compounds prior to the application of the Ideal Work Microtopping system.
- MT-PRIMER can be applied on dry or not completely cured mortars and concrete substrates.
- After treatment, the surface is impermeable to liquids whilst at the same time enabling water vapour to evaporate freely.
- Can be diluted with water, does not contain solvents, does not release vapours during application and is less toxic to the environment and users than solvent based materials.
- Easy and fast to apply

#### TECHNICAL FEATURES

POT LIFE AT +20°C (LATEX):	approx. 30 minutes
TOUCH DRY (+20°C):	8 hours
CURING TIME (+20°C):	2-3 days
FLASH POINT:	non-flammable

#### SURFACE PREPARATION

Substrates must be sufficiently porous and dry to allow MT-PRIMER to penetrate deeply in to the surface. Self-levelling must be sanded by using a monobrush with sandpaper discs. Clean the surface with water by using a high-pressure washer, mop or other similar method to remove dust, dirt, oil, grease stains and any other deposits. Wait for the surface to dry before applying MT-PRIMER.

#### APPLICATION

##### Mixture preparation

Add component "B" into component "A" at a ratio of 1:2 by weight and mix carefully with a drill equipped with a stirring paddle. Slowly add clean water and continue stirring until a white crumb-free latex is obtained.

##### Recommended dilution

(0,5 Kg A + 1 Kg B) + 9 L of water.

##### Application

Apply the mixture by brush, roller or low-pressure spray within 30 minutes. Remove any excess material from the holes and depressions and allow to dry. On very porous surfaces it is possible to apply a second coat after 12 hours, following the same method as the first. To avoid stains and gloss, do not apply excessive material. Clean all containers and tools with water after use.

## COVERAGE

Coverage will vary according to the substrate porosity and surface configuration.

On self-leveling the coverage rate is approximately 30 g/m<sup>2</sup> (pure product)

With one kit (A+B=1,5 Kg) diluted with 9 L of water it possible to cover about 50 m<sup>2</sup>

## WARNINGS

- Mix before use.
- By mixing components A and B, polymerisation and curing start; apply the mix within 30 minutes, before the mix MT-PRIMER - WATER begins to separate and latex is no longer homogeneous.
- To make MT-PRIMER preparation easier, use tepid water.
- Do not apply MT-PRIMER when the substrate temperature is lower than +10°C.
- Ventilate the jobsite after use.

## PACKAGING AND STORAGE

Component (0,5 Kg A + 1Kg B) = 1,5 Kg

If stored in a dry and safe place, MT-PRIMER can be stored for at least 12 months in its original and sealed containers. SENSITIVE TO FROST

## PRECAUTIONS

Epoxy resins and hardeners can cause irritation. Avoid skin contact and splashes into the eyes. Wear goggles, gloves and a working suit. Use a protective cream such as Turexan and a nutrient cream after work. In case of contamination, rinse immediately with water and soap. Do not wash with solvents. If sprayed into the eyes, wash with water and call a physician. Do not use the empty containers to store other substances.

### 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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