

# DECOFIN EPOXY AQUA



**Two-component epoxy varnish for the waterproofing and protection of interior surfaces, with satin finish**



## ■ PROPERTIES

High strength and low odor, water-based, two-component epoxy varnish with satin finish. Presents excellent adhesion to absorbent and non-absorbent substrates alike. Exceptionally resistant to abrasion as well as to contact with acids, alkalis, oils, cleaning agents and chemicals. Dries quickly and forms a hard, non-absorbent surface impervious to magic markers, pens, and other smudges, making it suitable for the walls of children's rooms, schools etc. Odorless, without solvents, ideal for applications in interior spaces that are not adequately ventilated. Classified as product for the protection of concrete surfaces per EN 1504-2.

## ■ APPLICATIONS

DECOFIN EPOXY AQUA is suitable for the protection of decorative microcement and microcement in paste form surfaces, decorative bricks, natural stone as well as DUROSTICK QUARTZ DECO stone carpets etc. It can be applied to fresh cementitious surfaces, reducing the delivery time of projects. Ideal for interior applications on floors, walls, kitchen countertops, bathrooms, showers and wherever adherence to strict hygiene requirements is necessary.

## ■ USE

### 1. Surface preparation

Surfaces must be sound, free of loose sections, dust, grease, salts, rust, and debris. Remove loose materials by mechanical means.

Microcement: Coat after 2 days from application completion, after priming with AQUAFIX to maintain and protect their colors.

Microcement in paste form: Coat after 24 hours from application completion.

Quartz aggregates QUARTZ DECO on walls and floors: Coat after 24 hours from application completion.

Substrate moisture should not exceed 8%.

### 2. Application

Empty the contents of container B into container A. When mixing the two components, make sure to empty the entire amount of container B into container A. When mixing the two components, make sure to empty the entire amount of container B into container A. Mixing should also be done both on the walls as well as at the bottom of the container, in order to achieve proper homogenization. Allow for the mixture to rest for 5 minutes before the application so as to avoid air being trapped in its mass. Apply the mixed product with a brush or roller

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in one to two coats, depending on the application.  
Apply the second coat 12 hours from the first one.

### ■ NOTES

- It is important to apply the mixed primer within its pot life (approximately 1 hour after mixing, depending on the ambient conditions) since its curing process within the container is not visible to the naked eye.
- Drying times are prolonged at low temperatures and/or high humidity levels.
- Not recommended for exterior use.

### ■ CLEANING

Clean all tools with water, immediately after use.

### ■ CONSUMPTION

100-200gr/m<sup>2</sup> per coat, depending on the absorbency of the surface.

### ■ STORAGE

Component A: Store in its factory sealed container, protected from frost and humidity for 24 months from production date

Component B: Store in its factory, hermetically sealed packaging, for 24 months from production date.

### ■ SAFETY DIRECTIONS

The product is classified as irritant. It is recommended to keep away from the reach of children. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

### ■ PACKAGING

Carton box with 4 pcs of 4kg each one (A: 3kg, B: 1kg)

### TECHNICAL SPECIFICATIONS

■ Chemical base	Two-component epoxy resin
■ Color	White, becomes transparent when dry
■ Gloss	Satin
■ Mixture density	1.03±0.05kg/l
■ Mixing ratio A:B	3:1 by weight
■ Pot life	50 minutes at 20°C
■ Recoating time	After 12 hours and at least 25°C
■ Foot traffic	After 10 hours at 25°C
■ Full cure	After 7 days at 25°C
■ Application temperature	From +10°C to +35°C
■ Resistance to adhesion per EN 1542	>2 N/mm <sup>2</sup>
■ Dilution	A ready to use product. Do not dilute.

### V.O.C. (Volatile Organic Compounds):

Limit value of maximum content of V.O.C. per EU (Directive 2004/42/CE) for this product (category A/j: 'Two-pack performance coatings', type W): 140gr/l (2010). The ready to use product contains maximum 0gr/l V.O.C.

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