

DECOFIN EPOXY AQUA



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



PROPERTIES

High strength and low odor, water base 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 on 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 protect their color.
- **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,

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

NOTE

- 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.
- Once fully cured, the product is harmless to health and the environment.

CLEANING

Clean all tools with water, immediately after use

CONSUMPTION

100-200gr/m² per coat, depending on the absorbency of the surface

STORAGE

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

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

SAFETY DIRECTIONS

The product is classified as an irritant. It is recommended to keep away from the reach of children and apply it in well ventilated areas. Before use, refer to the cautions on the product packaging or the Material 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	Satine
Mixture density	1.03±0.05kg/lt
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 or above
Foot traffic	After 10 hours at 25°C
Full cure	After 7 days at 25°C
Application temperature	From +10°C to +35°C
Adhesion resistance per EN 1542	>2 N/mm ²
Dilution	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/EC) for this product (category A/j: 'Two-pack performance coatings', type W): 140gr/lt (2010). The ready to use product contains maximum 0gr/lt V.O.C.	

The technical specifications and directions of use contained in this technical brochure are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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