

WATERPROOF EPOXY PRIMER AQUA



Two-component water-based clear epoxy primer



■ PROPERTIES

Two-component, water soluble epoxy primer with strong adhesion to non-absorbent substrates and cementitious surfaces. It is recommended where the presence of solvents is undesirable or must be avoided.

Classified SR-B2,0 per EN 13813.

■ APPLICATIONS

WATERPROOF EPOXY PRIMER AQUA stabilizes absorbent concrete surfaces and prevents dusting. It is also applied on non-absorbent substrates, such as existing bituminous membranes, ceramic tiles, metal surfaces and acrylic or polyurethane coatings as long as they are well adhered. It is recommended before applying polyurethane, hybrid, acrylic, or polyurea-based sealants, such as WATERPROOF 500 and WATERPROOF PU 700 of DUROSTICK. It is necessary before applying the two-component polyurea-based polyaspartic paint POLYUREA FLOOR COATING. Also necessary for the preparation of surfaces before lining them with the quartz aggregates QUARTZ DECO of DUROSTICK.

Suitable for applications subjected to rising damp and/or negative pressure (floors, swimming pools, water storage tanks, building foundations etc.).

It can be applied on slightly damp substrates, when there is no standing water.

■ USE

1. Surface preparation

Careful preparation of the substrate is crucial for achieving exceptional results. The surface must be sound, free of loose sections, dust, grease, salts, rust and debris. Loose materials are removed by sanding with the appropriate equipment (grinder etc.). The concrete grade must be at least C20/25. Repairs of worn surfaces and filling of gaps and holes can be fixed with the use of appropriate repair DUROSTICK product. It is recommended to clean with a high absorbency vacuum cleaner.

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. Mix with a low rpm electric mixer for 3 minutes. In order for the two components to be mixed thoroughly, mixing should also be done both on the sides as well as at the bottom of the container. Continuing, add water 5-25% by weight, depending on the application. Once the required

The technical specifications and directions of use contained in this technical data sheet 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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workability is achieved, apply one coat using a roller or a brush.

WATERPROOF 500 & WATERPROOF PU 700: Apply the waterproofer of choice, 24-48 hours of the primer's application and once the moisture level is less than 4%.

POLYUREA FLOOR COATING: Apply the polyaspartic paint within 6-24 hours of the primer's application (depending on the foot traffic and weather conditions).

QUARTZ DECO: Apply the mixture up to 12 hours of the primer's application.

■ NOTES

- Special attention is suggested during the application of the product to be completed within its pot life (approximately 1 hour, depending on the environmental conditions) since its cure within the container is not visible.
- At low temperatures and/or high humidity, the drying time is extended.
- If a period of more than 48 hours has passed and no topcoat application with waterproofer or paint has followed, the surface must be primed again.

■ CLEANING

Clean all tools with water immediately after use.

■ CONSUMPTION

125-150gr/m² per coat, depending on the absorbency of the surface and the dilution rate.

■ STORAGE

Component A: Store in its factory sealed packaging, 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 harmful. 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 4pcs - 4kg (A: 3kg, B: 1kg)

TECHNICAL SPECIFICATIONS	
■ Chemical base	Two-component epoxy resin
■ Color	White, becomes transparent when dry
■ Mixture density	1.03±0.05kg/lit
■ Mixing ratio A:B	3:1 by weight
■ Pot life	60 minutes at 20°C
■ Recoating time	After at least 24 hours at 25°C
■ Full cure	After 7 days at 25°C
■ Foot traffic	After 14 hours at 25°C
■ Application temperature	From +10°C to +35°C
■ Adhesion resistance per EN 1542	>2 N/mm ²
■ Dilution rate	As stabilizer of absorbent substrates, add 25% of clean, cool water
■ As primer for non-absorbent surfaces, add up to 10% of clean, cool water	

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

Limit value of maximum V.O.C. content according to EU (Directive 2004/42/CE) for the particular product (category A/c: 'Coatings for exterior walls of mineral substrate', type WB): 140gr/lit (2010). The ready to use product contains maximum 0gr/lit V.O.C.

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