

AQUA PRIMER

2-component, water based, epoxy primer

Description

Aqua Primer is a water based, two-component epoxy primer. For priming absorbent and non-absorptive substrates such as concrete, cement mortars ect, to be covered with epoxy coatings and as a substrate when applying MONOFLEX PU or other polyurethane coating systems. It offers increased hardness and abrasion resistance.

Substrate Preparation

Ensure stable surfaces. The mortars and concretes where AQUA PRIMER is to be applied, must be older than 28 days and not subject to negative hydrostatic pressure. In case of epoxy paints application, the concrete substrate must have a minimum tensile strength 1,5 N/mm², minimum compressive strength of 25 N / mm². Depending to the nature of the substrate, it should be prepared by brushing, grinding, milling, sand blasting, water blasting, shot blasting etc. Following this, the surface should be well cleaned from dust with a high suction vacuum cleaner.

Mixture preparation

The product consists of two ready to mix components. Mix well all the quantity of component B into component A using an electric mixer at slow speed until the mixture is homogeneous (about 3 minutes). If need and in order to achieve the desired workability add 10%-30% by weight water. For applications with quartz sand, the sand is added after components A and B are thoroughly mixed and uniform and require an additional mixing for about 2 minutes until we have a homogeneous mixture.

Instructions for use

- Using AQUA PRIMER as a primer for MONOFLEX PU applications.
Dilute with water up to 30% and apply by brush or roller over the entire surface. The coating of MONOFLEX PU must be applied within 24-48 hours and moisture percentage must be below 4%. Do not apply MONOFLEX PU membrane on wet primer.
- Using AQUA PRIMER as a primer for epoxy systems.
Dilute with water up to 30% and apply by brush or roller over the entire surface. The Epoxy coating must be applied within 24-48 hours and moisture percentage must be below 4%.
- Tools must be cleaned with water immediately after use.
- The workability of epoxy materials is affected by their temperature. The ideal temperature of application is between +15°C and +25°C so that the product will be easy to use and cure as

prescribed. At environmental temperatures below +15°C the curing time will be extended, while at temperature above +30°C the curing time will be accelerated. During winter, a mild preheating of the product is recommended, while during summer store the materials in a cool room before the application.

Consumption

0,2-0,3 Kg/m²

Storage

Preferably in sheltered areas, low in moisture, protected against ice, high temperature and sun exposure for at least 12 months from the production date.

Packages

8 kg A+B

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product used is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available at the official website of the product.

Other information

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