

Reinforcement Adhesive 480

Armierungskleber 480

**moisture-resistant, white, elastic,
weather-resistant, for exterior and interior use**

Properties

Moisture-resistant, elastic dispersion adhesive. White, water-proof, weather-resistant, with a high gluing and filling capacity. Additionally, highly water-vapor permeable and easy to apply.

Field of application

For gluing and embedding of Elastic Fiber 1566 in system build-up with Top Elastic Facade Paint 380 and Concrete Finish 839. Depending on the system used, suitable for all exterior, load-bearing, mineral substrates, such as normal plaster (mortar group PII, PIII, depending on the pressure resistance) and concrete. Also for gluing fiberglass fabric in CreaGlas Fabric System if moisture exposure is expected.

Material description

Standard color: white

Gloss grade: matt

Base material: watery dispersion adhesive

Density: approx. 1.3 g/cm³

Packaging: 20 kg

Use

Thinning

Do not thin if material is used for embedding Elastic Fiber Mesh 1566. For filling intermediate coats on elastic mesh, thin with water (up to approx. 8 %) according to flow requirements. Thin with water (approx. 5%) for gluing fiberglass fabric.

Tinting

No tinting.

Compatibility

Do not mix with other materials.

Application

Apply Reinforcement Adhesive 480 directly on the pretreated substrate using a paint brush or roller. Before gluing, refer to the additional specifications of the system components in any case.

Consumption

For embedding of Elastic Fiber Mesh 1566, approx. 1.0 kg/m² on smooth substrates.

For filling intermediate coats approx. 700 g/m².

For gluing CreaGlas Fabric approx. 300 g/m², depending on design and substrate.

Determine exact consumption by means of a test application on the object to be coated.

Application temperature

In Elastic system, do not apply if air or object temperature is below +5 °C.

In CreaGlas Fabric System, do not apply below +8 °C.

Tool cleaning

Clean tools immediately after use with water.

Drying (+20 °C, 65 % relative humidity)

Ready for applying next coat after allowing to dry overnight. Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store in a cool and frost-free location. Reseal opened containers tightly.

Declaration

Water pollution classification
Class 1, according to VwVwS.

Product code

M-DF02.

Comply with the specifications in the current Safety Data Sheet.

Coating build-up

Substrate preparation

The substrate must be solid, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion-promoting components or other intermediate layers affecting the adhesion. Check existing coatings for their suitability, load-bearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand down well and clean. Clean areas infested with fungus or algae thoroughly and then treat them with Universal Disinfectant 542*. (* Use biocides safely. Always read the label and product information before use.) Treat replastered areas with a fluorine primer. Lightly sand and clean smooth, compact substrates. If required, level rough surfaces before building up the coat, e.g. using Facade Smooth Filler F 1539. Pretreat, prime and/or apply the intermediate coat to the substrate, as required. Also see VOB Part C, DIN 18363, and 18366 (Section 3 in each document).

Prime coat

Depending on requirements and substrate conditions according to specifications in Data Sheets 380 and 839.

Reinforcement

Full or partial reinforcement with Elastic Fiber Mesh 1566, embedded in Reinforcement Adhesive 480. Once the material has dried sufficiently, it must be fill-painted with Reinforcement Adhesive 480 once again. If necessary, an additional crack repair must be performed using Crack Stop Filler 376 before reinforcement. Comply with instructions in data sheet 376.

Coating

With Top Elastic Facade Paint 380 and Concrete Finish 839.

Notes

System build-up preferred

The specifications in this data sheet mainly refer to application in system build-up with Top Elastic Facade Paint 380 and Concrete Finish 839.

Gluing of glass fiber

For gluing CreaGlas Fiber, comply with the application instructions in data sheet „CreaGlas Fabric System 3457“ and the data sheets of the different CreaGlas types.

Further specifications

Note the additional information in the Data Sheets of the products that are to be applied.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

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