

GRANE

Coarse grained spatula putty for applications up to 20mm thickness per layer.

Description

Grane is a polymer-modified cement based coarse grained putty, with high resistance to moisture. It is intended to be used for smoothing and repairing of exposed concrete, plaster etc for indoors and outdoors applications of up to 20mm thickness per layer. It can be applied on concrete, all kinds of plaster, aerated concrete, cement boards, gypsum etc.

Features and application examples.

- No need for priming before application.
- Offers a smooth velvety finish.
- Dries quickly with no cracks.
- Has great breathability.
- Is ideal for indoors and outdoors applications.
- High resistance to moisture and climatic conditions.

It is an ideal material for covering anomalies, cracks and nests in the surfaces to be painted or applied with a coating and offers a velvety finish. Due to its' durability and end surface finish, in some cases it can be used instead of the final plaster layer (eg on surfaces made of thermal insulation materials).

Technical Specifications

Form: Cementitious dry powder.

Color: White

Pot life: ≥ 4 hours.

Consumption: 1,4 Kg/m² per mm of layer.

Application thickness: up to 20 mm per layer.

Application temperature: +5°C to +35°C.

Compressive strength after 28 days: 5,0 N/mm².

Flexural strength after 28 days: 2,0 N/mm².

Substrate surface preparation

Substrates must be in sound and stable condition. Ensure surfaces flat, clean, dry without rising damp and free from any shrinking tendencies. Remove any loose material or detached fragments, dust grease etc that might prevent adhesion

Mixture preparation

1. The putty must be prepared in a suitable container, by first pouring the required quantity of water and then gradually adding the contents of the bag, whilst stirring with an electric mixer at low speed (under 300 rpm).

2. The mixture should be mixed until a uniform lump-free homogeneous mortar is achieved.

3. The mixture must be left to rest for about 2-3 minutes and then stirred slightly again.

Instructions for use

1. Apply the putty using a spatula or by spraying on the surface.

2. In case a second layer is needed allow 4 hours for the first layer to dry before applying the second one.

3. The mixture remains workable in the contained for at least 4 hours with a periodic stirring and without the need for additional water.

4. In case the putty is sprayed on the surface, adjust the water quantity according to the type of the spraying machine.

5. Not to be used during days where the temperature is lower than 5 °C or greater than 35 °C

6. The drying time greatly depends on the ambient temperature and relative humidity. Indicatively at 20 °C with 65% relative humidity it requires 4 hours for the surface to dry and can be covered by other materials after 24 hours. Complete drying is achieved at approximately 14 days, while drying time is extended at lower temperatures or higher relative humidity.

Product Designation

It is classified as PCC repair mortar Class R2 in accordance to European standard EN 1504-3.

Consumption

1.4 kg /m² for every mm of layer

Storage

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

Packages

Heavy duty paper bags, 25 kg each.

Precautions and safety

The product contains cement and is classified as an irritant. No special precautions are necessary for product application except for standard precautions applicable to all construction operations i.e. using

gloves and goggles; preventing prolonged skin contact, etc. In case of eye contact, immediately wash with plenty of water and seek medical advice if necessary. Collect empty bags and plastic covers and dispose of in refuse bins designated for this purpose. Consult instructions for safe use indicated on product packaging. For more information please refer to the material safety data sheet of the specific product.

Notes

Technical data, 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. Given that in each case of application, the use of the materials and the conditions of the project as well as the overall environment, cannot be controlled by the company, the sole responsibility for the result lies with the end user of the product. No liability under any legal relationship can be established against the company, based on the information listed within this document. The present edition of this Technical Data Sheet automatically cancels any previous editions. The end user of the products should always refer to the latest Technical Data Sheet version that can be found in our official website.

Other information

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