

STUCCOCEM

Ultra-fine polymer modified cement based putty

Description

Polymer-modified, fine-grained putty with high resistance to moisture, for smoothing and repairing of exposed concrete and plaster, sealing of cracks, pores or cavities on concrete surfaces etc. It is classified as type PCC repair mortar Class R2 in accordance to the requirements of the European standard EN 1504-3.

Features - Benefits

- Dries quickly and does not crack
- No need for primer before applying
- No clumping and surface defects
- Great transpiration ability
- Not affected by moisture
- Suitable for indoor and outdoor use
- Easy to use
- High resistance to extreme climatic conditions

Substrate preparation

Ensure stable and clean surfaces. Remove loose, detached parts, dirt, grease etc. Before applying the material prepare the substrate by wetting to saturation.

Mixture preparation

STUCCOCEM is gradually added into a pot of clean water under continuous stirring using a mixer at slow speed (400 rev / min approx.) until the required consistency of the mortar is achieved.

Instructions

STUCCOCEM is applied manually with a spatula or mechanically with the use of blasting machine. If needed apply a second coat after 2-3 hours. The mixture remains workable in the container for at least 4 hours with periodic stirring without adding extra water. When dry it can be sanded and refinished. In the case of application by blasting machine set the quantity of mixing water depending on the type of machine. Do not use under strong sunlight (temperature greater than 35 °C) or precipitation and days on which temperature is expected to drop below zero.

Drying time

Drying time depends on ambient temperature and relative humidity. Indicative at 20 °C and 65% relative humidity the product surface dries in about 6 hours and can be covered by another material in about 24 hours. Complete drying of the product is obtained in approximately 14 days. Drying time is extended at lower temperatures or higher relative humidity.

Consumption

≈ 1,3 kg/m² per mm of layer thickness

Specifications

Form: cementitious dry powder :

Color: white

Bulk density of dry mortar : ≈ 1,2 kg / lit

Temperature resistance : from -30 ° C to +80 ° C :

Compressive strength after 28 days : ≈ 17 N/mm²

Flexural strength after 28 days : ≈ 5,00 N/mm²

Maximum thickness : 12mm per coat

Pot life : ≥ 4 h

Water demand : ≈ 2 lit water / 5kg cement

Shrinkage (mm/m): 0

Packaging

Paper bags 25kg and 5 kg plastic bags.

Storage

Preferably in shady and roofed locations, low in moisture, protected against ice, high temperature and exposure to sunlight for at least 12 months.

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.

Product specifications

It is classified as a PCC R2 type mortar, for concrete repairs, according to EN 1504-3.

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 user 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.

Other information

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