

MALTA STAR

Reinforced water-resistant white top-coat render for interior and exterior applications.

Description

MALTA STAR is a ready mix final coat render in mortar (white marble plaster) for smooth finish (grain size 1.3 mm) that only requires the addition of water. Suitable for use in interior or exterior surfaces. May be produced in a wide range of colours upon request.

Advantages

- No cracking
- High adhesion properties
- Highly breathable
- Applied by hand or rendering machine

Technical Specifications

Form: Cementitious powder

Color: White

Pot life: 5 hours at +20 °C

Dry mortar density: $\approx 1,5 \text{ Kg/L}$

Wet mortar density: $\approx 1,9 \text{ Kg/L}$

Capillary water absorption: W_{c0}

Compression resistance after 28 days per: $4,0 \text{ N/mm}^2$

Bending resistance after 28 days per: $2,0 \text{ N/mm}^2$

Adhesion after 28 days: $0,5 \text{ N/mm}^2$

Coefficient of thermal expansion: $\leq 0,45 \text{ W/mK}$

Water vapor permeability coefficient: $\mu = 5/20$

Maximum application thickness: 5mm

Substrate preparation

Provide stable surfaces, completely dry and free from shrinkage tendencies. Remove loose or detached fragments, dirt, oil, dust etc. Prior to plaster application, prepare the substrate and smoothen out the surface. Then wet the application surface until it becomes saturated. It's extremely important that the strength of the base plaster coat is greater than or equal to the top coat plaster. We recommend spreading the base substrate with PRO 101 primer when coloured top coat MALTA STAR application will follow.

Mixture preparation

The material must be prepared in a suitable container. First pour the required quantity of water and then gradually add the contents of the bag, stirring at the same time using an electric agitator operating at low rpm, until a uniform mixture with the required consistency is obtained.

Instructions for use

Apply material by hand or using plastering machine. After sufficient soaking, apply persistent rubbing to the surface using a wooden float. The time required for plaster soaking depends upon weather conditions, plaster thickness and substrate porosity. After use, remove material residues from tools using water while the product is still fresh or by other methods e.g. sanding or scraping of dry material.

Product Classification

Waterproof top coat MALTA STAR is classified as GP CS III W1 type mortar per EN 998 – 1.

Packaging

$7 \text{ Kg/m}^2 / 5 \text{ mm}$

Packaging

Heavy duty paper bags, 25 Kg

Storage

Preferably in sheltered areas, low in moisture, for at least 12 months from the date of production and in the original sealed package.

Precautions and safety

The product contains cement and is classified as 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 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 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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Qualitätsmanagementsystem

Zertifiziert nach DIN EN ISO 9001

