

MALTA UNO

One coat, reinforced render for indoor and outdoor applications.

Description

MALTA UNO is one-coat, reinforced render for interior and exterior applications. Applied in maximum thickness of 3 cm, it offers excellent adhesion, leading resistance to extreme climatic conditions and excellent breathability of walls. Maximum thickness up to 3 cm.

Advantages

- Superb adhesion properties
- High transpiration
- Excellent compatibility with cementitious substrates
- Application by hand or rendering machine
- Development of exceptional end strength values
- High elasticity
- Eliminates cracking

Application examples

MALTA UNO replaces the two final layers (basic and finishing coat) of common plastering works. It is suitable for indoor and outdoor for use on brick, concrete and substrates plastered with plaster base coat or KAPAGRIP primer.

Specifications

Form: Cementitious powder

Color: White

Pot life: 5 hours at +20 °C

Capillary water absorption: W_{c1}

Compression strength after 28 days: 4.0 N/mm²

Flexural strength after 28 days: 1.5 N/mm²

Adhesion after 28 days: 0.5 N/mm²

Coefficient of thermal expansion (λ): ≤ 0.61 W/mK

Water vapor permeability coefficient (μ): 15/35

Maximum application thickness: 30 mm

Granulometry: 1,3 mm

Substrate preparation

Provide stable surfaces, completely dried and free from shrinkage tendencies. Remove loose or detached fragments, dirt, oil, dust etc. Prior to plaster application, prepare the substrate and where necessary apply bonding spatterdash (rough cast) and wet the surface until it becomes saturated or alternatively apply KAPAGRIP primer.

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 by electric agitator operating at low rpm, until a uniform mixture with the required makeup is obtained.

Instructions for use

Apply MALTA UNO by hand or with plastering machine. While still fresh spread the surface of the plaster with the use of appropriate tool.

The plaster is then smoothened by hand, using a spongy wet float, after it has sufficiently set. For a fine result continue with a dry spongy float. Working time depends on substrate absorptivity, ambient temperature, plaster thickness and workability of the mixture. 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

MALTA UNO is classified as OC CS II W_{c1} type mortar per EN 998 – 1.

Consumption

13 Kg/m² / cm

Packages

Heavy duty paper bags, 25 Kg each.

Storage

Preferably in sheltered areas, low in moisture, protected against ice and exposure to sunlight for at least 12 months from the date of production.

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 at the product's official website.

Other information

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