

MALTA PLUS

Ready-mix reinforced, water-repellent, finish plaster for indoor and outdoor applications.

Description

MALTA PLUS is a ready waterproof marble plaster, used to create fine top coat plastered surface with extremely high resistance to weathering conditions. Suitable for use in interior or exterior surfaces. May be produced in a wide range of colours, upon request.

Application examples

MALTA PLUS is used for create white or colored waterproof plastered surfaces, where adhesion and high elasticity is required. Replaces the final hand of plaster. It is suitable for indoor and outdoor applications on a substrate coated with a base layer of plaster and concrete or masonry surfaces. It can also be combined with the thermal insulation adhesives to act as part of ETICS systems.

Advantages

- Superb adhesion properties
- Highly elastic
- Highly breathable
- Smooth finish
- Complete waterproofing
- Eliminates cracking
- Resistance to weather conditions.
- Applied by hand or machine

Technical Specifications

Form: Cementitious powder

Particle size: up to 1,3 mm

Color: White or coloured (upon request)

Pot life: 5 hours at +20 °C

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

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

Capillary water absorption: $W_c 2$

Compression strength after 28 days: $4,5$ N/mm²

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

Adhesion after 28 days: $0,5$ N/mm²

Coefficient of thermal expansion: ≤ 0.45 W/mK

Water vapor permeability coefficient: $\mu = 5/25$

Maximum application thickness: 5 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 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 by PRO 101 primer when plastering is to follow using MALTA PLUS coloured top coat plaster.

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 material by hand using a float, trowel or using plastering machine. The plaster is then smoothed by hand, using a spongy float after sufficient setting. 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 specifications

Waterproof top coat MALTA PLUS is classified as GP CS II W2 type mortar per EN 998 – 1.

Consumption

7 Kg/m² / 5 mm

Packaging

Heavy duty paper bag, 25 Kg

Storage

Preferably in sheltered areas, low in moisture, for at least 12 months from the date of production and in the initial 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

BAUER BUILDING TECHNOLOGIES
Megara Industrial Estate, Attica
Tel: 210 5744222
Fax: 210 5740777
Email: info@netbauer.com
[http// www.netbauer.com](http://www.netbauer.com)
Frankfurt, Reg. No 312310 QM
Qualitätsmanagementsystem
Zertifiziert nach DIN EN ISO 9001

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