

MALTA GRIP

Ready-made first layer 'sprayed' plaster for interior & exterior use

Description

Malta Grip is a high-performance, single-component, pre-blended mortar supplied in grey powder form. It is formulated with cement, hydrated lime, carefully graded aggregates, and special additives. Once mixed with water, it produces a thixotropic, plastic mortar that offers excellent workability and strong adhesion to most common construction substrates.

This product is ideal for use as a bonding base layer ("scratch coat") in traditional three-coat plaster systems, or as a durable single-coat render.

Advantages

- High adhesion properties
- Highly breathable
- Applied by hand or rendering machine
- Cement-lime scratch coat applied manually or mechanically
- Suitable for residential, commercial, and hospitality buildings

Technical Specifications

Form: Cementitious grey powder

Workability: 30 min 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}

Compressive strength after 28 days per: CS IV ($\geq 6,0 \text{ N/mm}^2$)

Adhesion after 28 days: $\geq 0,3 \text{ N/mm}^2$ FP:B

Thermal Conductivity: $0,61 \text{ W/mK}$ (table A12 P=90%)

Water vapor permeability coefficient: $\mu = 15/35$

Minimum application thickness: 5mm

Maximum application thickness: 10mm

Substrate preparation

Provide stable surfaces, completely dry and free from shrinkage tendencies. Remove loose or detached fragments, dirt, oil, dust etc. Prior to application thoroughly moisten the surface until saturated, avoiding standing (stagnant) water.

Mixture preparation

1. For hand application

The material must be prepared in a suitable container. First, add the required amount of water, i.e. 3.5–4.5 liters of clean water per 25 kg bag of mortar, and then gradually add the contents of the bag while mixing simultaneously with a low-speed electric mixer until a homogeneous mixture with the required workability is obtained.

The mixture remains workable for approximately 30 minutes at +20 °C.

For improved adhesion to concrete or old masonry, SUPERLAT LATEX diluted up to 1:5 with water may be added.

2. For spray machine application

To prepare using a continuous-feed mortar machine, pour the product into the hopper and adjust the flow meter, depending on the type of machine used, so as to produce a "plastic," homogeneous mortar (approximately 17 liters of water per 100 kg of powder).

Instructions for use

Apply a single "splatter" coat with a trowel, up to 10 mm thick, ensuring that the entire substrate surface is uniformly covered.

In case of spray application, it is recommended to keep the nozzle at a distance of approximately 20 cm from the wall, so as to create a thin and even layer.

The final surface of the applied product should remain rough, without smoothing, to ensure optimal adhesion of the subsequent layer.

Rinse mortar off tools, as well as from the machine hoses, with plenty of water before it begins to harden. Once hardened, mechanical removal is required.

Product Classification

General purpose mortar for internal/external use category GP CS IV per EN 998 – 1.

Consumption

$6\text{--}8 \text{ Kg/m}^2 / 5 \text{ mm}$

Packaging

Heavy duty paper bags, 25 Kg

Storage

Preferably in sheltered areas, low in moisture, for 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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