AQUATA 240

CEMENTITIOUS BRUSHABLE WATERPROOFING MORTAR

Easy and cost-effective waterproofing.

Description : Single component ready mortar, based on Portland cement, white marble aggregates and special additives to improve waterproofing and water-tightness. Apply for substrate waterproofing by way of precaution or for repair. It can be used alone, simply mixed with water, or combined with acrylic resin MARMOLINE MP 20, when a high degree of waterproofing and flexibility is needed.

Usages: For the waterproofing of elements of masonry concrete and plaster. Apply in cases varying from simple dampness to water under pressure. Suitable for the sealing of underground walls indoors and outdoors before backfilling (for repair or by way of precaution), plant stands, tanks, swimming pools, etc. Apply on vertical and flat surfaces of concrete, stone, bricks, cement blocks, plasters, aerated concrete, etc. which are to be coated with ceramic tiles or marble. Excellent adhesion to the substrate. For specific requirements and flexibility, it is recommended to add the acrylic resin MARMOLINE MP 20.

Advantages: • Protects the surfaces from positive and negative hydrostatic pressure and from corrosion • Excellent adhesion and waterproofing • Moisture and frost-proof • Suitable for indoor and outdoor use • Breathable after application; it can be coated with tiles, painted or plastered • Easy to use and cost-effective

Packaging /distribution: Bags of 25 kg - Palette of 1350 kg, (54 paper bags)
Plastic bags of 5 kg – cardboard boxes of 20 kg (4 plastic bags) – palette of 960 kg (48 cardboard boxes of 20 kg)

Storage: 12 months from the date of production in unopened package, in a dry place.

Safety precautions: This product contains cement and reacts as alkaline with moisture, so it is classified as irritant. It must be used with care according to the instructions for use. Please consult the SDS of the product.

Specifications : **EN 1504-2**

Certification /CE marking: Factory production control certification:
TÜV AUSTRIA HELLAS (0906) - 0906-CPR-02413045

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TECHNICAL DATA:

Form:	Grey powder
Grading :	0-0.5 mm
Specific gravity of wet mortar:	1750 Kg/m³
Compressive strength in 28 days:	12 MPa (EN 1015-11)
Flexural strength in 28 days:	3.5 MPa (EN 1015-11)
Water vapour permeability:	S_D = 0.24 m Class I (EN ISO 7783-1)
Capillary water absorption:	0.05 kg/m^2.h^{0,5} (EN 1062-3)
Adhesion:	≥2 MPa (EN 1542)
Working time:	Approx. 45 min

CE 12 DoP: 046 MARMO-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 1504-2 MARMOLINE AQUATA 240 Surface protection product – Cementitious coating
Water vapour permeability: *S_D =0,24m (Class 1)* Capillary absorption: *w <0,1 kg/m^2· h$^{0.5}$* Adhesion strength: *≥ 2.0 N/mm^2* Reaction to fire: *Euroclass A1* Dangerous substances: *complies with §5.3*

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APPLICATION:

Mixing ratio: 9.5 – 11 lt of water / bag of 25 kg

Consumption: Approx. 2.5 - 3 Kg of mortar /m^2 for 2 mm of thickness.

Application mode:

- Check and prepare the application surface. Make sure that the surface is clean and free of dust and oils
- Use appropriate fast-setting materials to seal the places where there is water leak
- Repair starter bars, wooden moulds and then saturate the surface
- Add water to MARMOLINE AQUATA 240 and mix until you get a homogeneous paste.
- Mix the blend regularly during application.
- Apply the mix with special hard bristle brushes in 2 or more coats depending on the problem
- The desired thickness per coat is 1 mm
- Apply the next coat crossways, before the previous one is well dry
- It is suggested to use MP 20 acrylic dispersion, where the needs for waterproofing and flexibility are quite high. Dilute MP20 with water before adding to AQUATA 240 at a ratio of 1:1 or 1:3 depending on the desired result.
- If the application of AQUATA 240 is followed by plastering, then you should apply first MARMOLINE SV1 with MP20 dispersion, to avoid any adhesion problems of the plaster with the sealant. After SV1, you can use any other MARMOLINE plaster (SV 2, SV 100), etc

ATTENTION:

- The content of the bag should be protected from humidity
- Do not add excessive amounts of water because this can reduce the product's strength and cause cracks
- Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C

The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department.

We guarantee the quality of all our products, on the basis of their technical specifications, as described in the Declaration of Performance (CE) and this technical data sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depend on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. This edition of technical data sheet automatically cancels any previous version

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