

AQUATA SEAL 100

ELASTOMERIC BRUSHABLE WATERPROOFING MEMBRANE

Keeps away humidity and water

Description : White elastomeric sealant for roofs, without solvents, reinforced with acrylic resins. It ideally covers any capillary cracks on the application surface, creating an elastic, sealing membrane, impermeable from water.

Usages : Use for roofs/terraces, balconies, cement screeds etc



Advantages:

- Very flexible white material, in temperatures between -20°C to +80°C.
- Ideal for covering capillary cracks.
- Resistant to future contractions and dilations.
- Creates a single sealed and elastic membrane without joints.
- Highly resistant to weather fluctuations and very durable.
- Resistant to UV radiation; reduces absorption of heat in summer.
- It does not peel off and does not develop fungus.

Packaging /distribution :

- Plastic containers of 5 kg and 13 kg.
- Palette of 300 kg, 60 containers of 5 kg.
- Palette of 429 kg, 33 containers of 13 kg.

Storage: 24 months after production date, in unopened/sealed package, stored in a covered area, in temperatures between +5°C and +35°C.


Fire behaviour : Class F (EN 13501-1)

Safety : VOC - "One pack performance coatings"
Maximum VOC content in ready to use product is less than 140 g/lit

Specifications : EN 1504-2

TECHNICAL DATA:

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| Colour: | White |
| Water vapour permeability: | $S_d = 0.52m$ Class I (EN ISO 7783-2) |
| Capillary water absorption: | $0.095 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$ (EN 1062-3) |
| Adhesion: | $\geq 1.5 \text{ N}/\text{mm}^2$ (EN 1542) |
| Reaction to fire: | Class F (EN 13501-1) |
| Solar reflectance (SR): | 83% (ASTM E903-12 & ASTM G159-98) |
| Solar reflectance index (SRI): | 104 (ASTM E1980-01) |
| Emittance (e): | 0,89 (ASTM C1371-04a) |

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|  13 DoP: 048 MARMO-CPR |
| NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece |
| EN 1504-2 (Surface protection products - Coating -Moisture control) MARMOLINE AQUATA SEAL 100 Elastomeric brushable waterproofing membrane |
| Water vapour permeability: $S_d = 0,52m$ Class I Capillary absorption: $w = 0,095 \text{ kg}/\text{m}^2 \cdot \text{h}^{0.5}$ Adhesion strength: $\geq 1.5 \text{ N}/\text{mm}^2$ Reaction to fire: Euroclass F Dangerous substances: comply with §5.3 |

APPLICATION:

Consumption: 1.0 – 1.5 kg/m² depending on the substrate.

Application mode:

- Before use, clean the substrate from dust, loose material, etc..
- It is necessary to start by applying the MST 22 roof coating primer (approx. 200 gr /m²).
- Mix well before use.
- If there are cracks of more than 1 mm, they should be repaired with one of MARMOLINE's repair materials
- Depending on the case, you can reinforce the cracks locally, with a 10 cm fiberglass mesh strip (apply AQUATA SEAL 100 along the crack, and as long as the material is wet, and dip the fiberglass strip into it). If there are many cracks all over the surface, reinforce the whole surface with fiberglass mesh. Then apply a layer of the material over the whole length of the reinforcement.
- Apply with a paint roller or paintbrush. Lay the first layer of the material and, once dry, lay the second layer vertically to the first one.
- The appropriate temperature for the application is between +5 °C to +35 °C .
- The finished surface should not be exposed to the rain, until it dries completely.

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