

HY PEARL PLASTER

Silicone, water repellent, top-coat plaster in paste

DÉCOR FINE (grain sizes: 1,0 mm)

DÉCOR STANDARD (grain sizes: 1,3 mm)

GRAFIATO STANDARD (grain sizes: 1,3 mm)

USAGE

Self-cleaning silicone plaster with Pearl-Effect technology in Decor or Grafiato (scratched) texture. This product is used as finishing layer on substrates such as plasters, fairfaced concrete, gypsum boards, cement boards, etc. It is suitable for both indoor and outdoor surfaces. It is ideal as finishing coat in external thermal insulation systems

ADVANTAGES

- Excellent workability
- Elastic properties that eliminate the risk of cracking
- Ensures high bonding strength, high resistance to weather changes and dirt and easy cleaning
- Outstanding impact resistance
- It is vapor permeable and at the same time highly water repellent.
- Painting the plastered surfaces is not required.
- Ideal as top coating on external thermal insulation.
- Homogeneous ready-to-use, industrial product with consistently high quality.
- Ensures proper workability, increased application speed, is cost-effective with excellent results.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.).
- The product is mixed thoroughly and applied using a smooth metallic spatula. Substrate thickness ranges between 1,0 mm to 1,5 mm (depends on product grain sizes and substrate roughness).
- For optimal results, the application of the plaster and finishing coat must be done without interruption and without the use of wetting water.
- Finishing is performed by using a hard plastic rasp or a styrofoam rasp.
- The Decor look is best achieved by performing small, cyclical rasp movements.
- The Grafiato look is best achieved by performing large, cyclical rasp movements, followed by linear movements in the desired direction.
- The exact processing time depends on the substrate and environmental conditions.
- Application temperatures must range between +5 °C and +35 °C.

COMPOSITION

Mixture of a high elasticity acrylic and silicone polymers, crushed marble of selected grain size and quality, enriched with special enhancement additives.

AETOS INDUSTRIAL, COMMERCIAL & TRANSPORT COMPANY "EAGLE S.A."

Head Quarters: Industrial Zone of Drama, 66100 Drama, Greece, Tel.:+30 25210 55960 Fax:+30 25210 55961

E-mail: info@eagle-sa.gr, Web: www.eagle-sa.gr

Branch: Dry Mortar Plant "MARMODOM": Industrial Park of Prosotsani, 66200 Greece, Tel.:+30 25220 21100, Fax:+30 25220 21110

E-mail: info@marmodom.eu, Web: www.marmodom.eu

TECHNICAL DATA

Specifications according to: EN 15824:2017. Silicon based water vapor permeable and water repellent plaster.

Grain size	
DÉCOR FINE	< 1,0 mm
DÉCOR STANDARD	< 1,3 mm
GRAFIATO STANDARD	< 1,3 mm
pH	7,5-9,5
Adhesion	≥ 0,3 MPa
Density of fresh material	1800 ± 100 g/l
Thermal conductivity $\lambda_{(10, \text{dry})}$	1,11 W/m.K (tabulated mean value, P=50%)
Water absorption	W ₂
Water vapour permeability	V ₂
VOC	< 40 g/l
Reaction to fire	Class B-s2-d0

REMARKS

For additional quality results, the acrylic primer, BIOPRIMER, should be applied in the same color as the colored SILICONE BIOPLASTER.

CONSUMPTION

Between 1,5 kg/m² and 2,2 kg/m², depending on granulometry, on substrate type and on required finishing.

Grain size:	Layer thickness:	Consumption:
DÉCOR FINE	~ 1,0 mm	~ 1,5 kg/mm
DÉCOR STANDARD	~ 1,3 mm	~ 2,2 kg/mm
GRAFIATO STANDARD	~ 1,3 mm	~ 2,2 kg/mm

PACKING AND

In 25 kg and 5 kg containers, on pallets.

STORAGE

12 months from the production date, in unopened containers. Stored in a shady, dry, frost and humidity free place.

REMINDER

Although specifications and instructions outlined in this report were prepared to the best of our ability, knowledge and experience, they must be taken as indicative results and require verification after numerous applications. Intended users of this product must verify its suitability for the planned application. End user is responsible for all results from the product's use.

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