



SYNTHETIC-MINERAL MARBLE COATING FOR PROTECTION AND DECORATION OF FACADES

GRANULITE®



Granulite®



DETAIL



**SYNTHETIC-MINERAL
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Description

Synthetic-mineral coating that comes in the form of a semi-solid paste that, once applied to the facing, transforms into a 2mm thick film of MARMOL and silicon granules, perfectly adhered and with a high modulus of elasticity. It incorporates high hydrophobic properties that are complemented by a pleasant decorative appearance. It is manufactured in a wide range of referenced and à la carte standard color compositions.

Its innovative formulation, composed of nano additives and VOC-free resins, makes it a coating as effective as it is sustainable.

It is a plaster (totally free of cement, gypsum, plaster, lime and other hydraulic products), essentially made up of loads of quartz and silica granules bonded with synthetic resin and pigmented in the mass with stable pigments.

Uses and fields of application

GRANULITE® It is used as a coating for any support or wall, facades, baseboards, stairwells, entrance halls, corridors, etc. It is a ready-to-use coating that comes in the form of a smooth thixotropic paste. Once applied, it creates a decorative marble coating, highly resistant and beautiful, at the same time that it contributes, thanks to its selected loads, to covering the possible imperfections of the support. It is used to coat and decorate facades or interior walls both in new construction and in renovation and AISLITE thermal insulation systems. (SATE).

It to all kinds of interior and exterior masonry surfaces such as brick walls, smooth uncoated concrete walls, cement and sand plasters, concrete blocks, plaster, rebuilt or agglomerated panels (wood fibres, etc.), wood panels, fibre cement plates, metal panels (after an antioxidant treatment), etc.

Properties

CHEMICALS:

- Insensitive to marine and corrosive atmospheres.
- Insensitive to dilute acid and alkaline solutions.
- Good washability with liquid detergents.
- Good resistance to aging.

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Properties

PHYSICAL:

- Waterproof to water, allowing the support to breathe.
- Great elasticity. It systematically clogs porosities and capillary microcracks.
- Good tensile strength.
- Very good resistance to shock and abrasion. (Rubbing wears the edge of a coin without damaging the coating).
- Excellent adherence to all supports, not influencing the pH of the facing.
- Great stability against light.
- Good resistance to weathering.
- Perfect tightness.
- Non-flammable in a pasty state. Simple combustion without flame in dry state, at 250° C.
- Absolutely odorless once set.
- The applied film retains its properties at extreme temperatures of -30° C. and + 60° C.

Special precautions

- Do not apply at temperatures below 5° C
- Do not apply on surfaces with horizontal exposure or inclinations below 60°.
- Do not apply with relative humidity higher than 85%.
- Do not apply on wet substrates (humidity less than 3%).
- Do not apply with risk of frost, strong winds or direct sun.
- Use gloves and protective glasses for use.
- Keep out of the reach of children.
- Supplies and tools will be cleaned with water immediately after use.
- Empty containers must be disposed of in accordance with current legislation.

Consumption

Consumption is approximately 4.7 - 5 kg / m².

Presentation

Supplied in 25kg plastic buckets. Packed on a 115x115cm pallet containing 36 units. 900kg



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APPLICATION RULES

Supports

It adheres to all kinds of interior and exterior masonry surfaces such as brick facing, smooth formwork concrete faces, cement and sand plasters, concrete blocks, plaster plasters, reconstructed or agglomerated panels (wood fibers, etc.).

Wooden boards, fiber cement boards, metal panels (after an antioxidant treatment), etc.

Preparation of the support

In applications on soft gypsum facing, the prior application of our AGMA - CH hardener product is necessary.

The surfaces must be scraped from the remains of previous paints and brushed to remove any type of impurity that may affect the adherence of GRANULITE®. The surface material must be solid and dry.

For reasons of appearance, to avoid the risks of appearance after drying of joints by resuming work and to allow subsequent repairs that do not affect the general appearance of the application, it is necessary to divide the surface to be applied into zones by means of simulated joints. These joints must be treated in such a way that they cannot favor the passage of water between the cladding and the support. It is for this reason that the application of an anchoring primer is necessary (PRINTING BASE SP200, color to choose from the range).

These application areas should be of such a size that they allow the application of their entire surface without interruption.

The edges or upper limits of the surfaces treated with this cladding must be properly protected (cornices, eaves, etc.) so that rainwater does not penetrate between the cladding and the support and, in addition, does not drag on the facing. The dirt deposited on the horizontal surfaces of the upper parts.

Product preparation

The supplied material is suitable for use with no more than a removal of the contents of the container, or a maximum addition of 2% of water, until correct homogeneity is achieved.



Printing base SP200



Exploded facade tape



Granulite® blend

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Granulite® application



Removed from tape

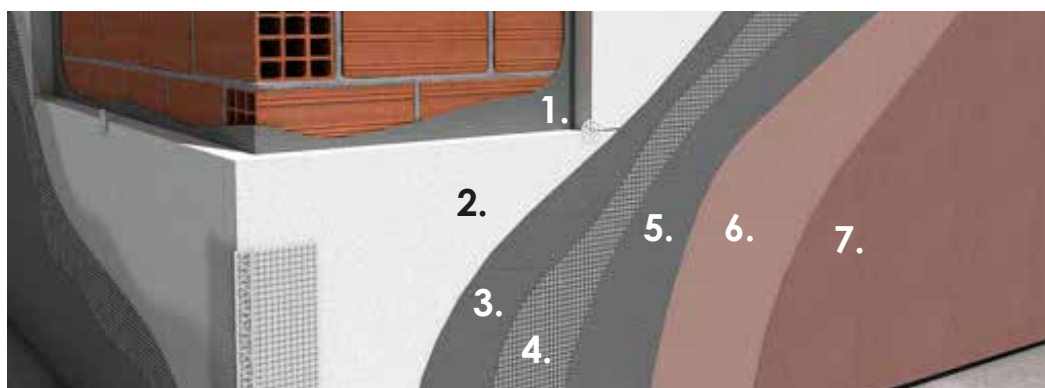
Application

After the preparation described above, the GRANULITE® it is applied like any general coating. With the addition of the necessary water ($\pm 2\%$) and mechanically stirred.

The trowels used are of different shapes, depending on the imperatives of the work. (stainless steel). It is necessary to take precautions in the continuation of the work after an intervention since, otherwise, there is a risk that the appearance of the set presents irregularities, particularly in applications on large surfaces. The coating hardens after about 12 hours under normal conditions. Full hardening is reached after a period of approximately 3 weeks. A work always begins at the top of the building.

On the contrary, the application of the material is done from the bottom up on the work surface of the worker. The working time is 30 minutes depending on the wind, temperature and hygrometric state. During this working time, ® using the same trowel. The GRANULITE® It should not be applied at temperatures below $+ 5^{\circ} \text{C}$. or above 45°C . in the shade, or in rainy weather, or when strong hot winds blow. Note: For applications, both indoors and outdoors, where a glossy finish and softer to the touch, we recommend the use of our CIDEX AC varnish (see technical data sheet).

SATE AISLITE System Application Phases



- | | |
|---|---|
| 1. CEMENT FOAM AISLITE. GLUING OF PLATES | 5. CEMENT FOAM AISLITE. MESH COVER LAYER |
| 2. EPS. SPRAY POLYSTYRENE | 6. PRINTING BASE SP200. PRIMING THE SUPPORT |
| 3. CEMENT FOAM AISLITE EPS COVERAGE AND MESH GLUING | 7. GRANULITE® |
| 4. PAVINET (SATE). FIBERGLASS MESH | |

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TECHNICAL DATA characteristic values

Product identification data

Consistency:	Thixotropic soft paste.
Color:	White and color chart
Pigments:	Suitable according to color and with high resistance to the exterior, and calcareous-siliceous loads.
PH:	7,75
Density (g / cm³):	1,8 84 ±
Dry residue (%):	2%

Application Data

Dilution ratio:	Ready to use. Shake to recover homogenization
Approx. drying:	12h
Application temperature:	+5 to +30°C
Finishes:	Matte

Benefits

Maximum Performance: After 21 days
Adherence: Good ≥ 3 Mpa
Water vapor permeability: V2
Water absorption: W2
Reaction to fire: A2-s1, d0
VOC content in the ready-to-use product (European Directive 2004/42 / EC) (g / l): ≤ 5



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SAFETY AND HYGIENE INFORMATION

It is not classified as dangerous according to current regulations on mixtures. For any information regarding safety issues in the use, handling, storage and disposal of chemical residues, users should consult the most recent version of the Product Safety Sheet.

Empty containers must be disposed of in accordance with current legal regulations.

STORAGE CONDITIONS

The life time of the material is 12 months from the date of manufacture provided it is kept in a dry place and protected from the weather.

NOTE: The instructions for use are made according to our tests and knowledge and are not binding. They do not free the consumer from the examination and verification of the products for their correct use. The company's liability will be limited to the value of the merchandise used.

Descriptive memory

Synthetic-mineral marble cladding for protection and decoration of facades color to be determined by GRANULITE ® Ecolanic or equivalent, flexible, ready to use, based on acrylic copolymers. Great hardness and extraordinary resistance to abrasion, as well as to atmospheric agents, with high hydrophobic resistance and high covering power. Coating composed of nano additives and VOC-free resins. Façade application on concrete support or mortar plaster with minimum resistance to compression CIII, previously prepared with a BASE IMPRESSION SP200 anchoring primer from Ecolanic.

The product must comply with the following technical characteristics:

Density (g / cm³): 1.8

Dry residue (%): 84

Application temperature: + 5 a + 30°C

Finishes: Mate

Maximum Performance: After 21 days

Adherence: Good ≥ 3 Mpa

Water vapor permeability: V2

Water absorption: W2

Reaction to fire: A2-s1, d0

VOC content in the ready-to-use product (European Directive 2004/42 / EC) (g / l): ≤ 5

