

# MARMOCRYL Granit

**Acrylic, ready-to-use coating with a granite-like finish**  
**Decorative • Colored • Water-repellent**

## Description

MARMOCRYL Granit is an acrylic, pasty coating with a granite-like finish consisting of colored, fine aggregates to form a coarse-textured, decorative final surface. It offers the following benefits:

- High elasticity and excellent bonding to the substrate.
- Water repellency.
- Excellent vapor permeability.
- No need for facade painting.
- Resistance to alkalis, according to DIN 18556.
- Crack prevention, unlike traditional cement-lime renders.
- Simplified, faster application.
- Suitability for both indoor and outdoor applications.

Certified according to EN 15824:2017 and classified as a V2, W2 render. CE marked.

## Fields of application

MARMOCRYL Granit is used as the thin finishing coat of rendering works, to form a decorative, colored, water-repellent, coarse-textured surface. Applicable to all kinds of building materials like render, concrete, cement boards, gypsum boards, etc. Suitable for interior and exterior wall surfaces. It replaces the final coat of render.

Thanks to its high elasticity and excellent bonding to the substrate, it is the ideal finish coat for external thermal insulation systems, e.g. the ISOMAT THERMOSYSTEM certified thermal insulation systems.

## Technical data

Form:	pasty
Colors:	8 selected colors (MARMOCRYL Granit palette)
Density:	1.55 kg/l

Water vapor permeability: (EN ISO 7783-2, V2: Medium $0.14 \leq S_d < 1.4 \text{ m}$ )	V2
Water permeability: (EN 1062-3, W3: Medium, $0.1 < S_d \leq 0.5 \text{ kg/m}^2 \text{ h}^{0.5}$ )	W2
Adhesion: (EN 1542)	0.9 MPa
Thermal conductivity: (EN 1745)	$\lambda = 0.7 \text{ W/(m K)}$
Reaction to fire:	Euroclass C
Drying time:	6-8 h

Cleaning of tools:  
Tools should be cleaned with water after use.

## Consumption

1.8 kg/m<sup>2</sup>/mm.  
Recommended application thickness: ~ 2 mm.

## Directions for use

### 1. Substrate preparation

The substrate must be dry and free of dust, oil or grease, loose materials, etc. It is then primed with FLEX-PRIMER or ML-PRIMER. Smooth or non absorbent surfaces should be primed with PL-BOND. MARMOCRYL Granit is applied after the primer has dried.

### 2. Application

Before application, MARMOCRYL Granit should be thoroughly stirred with slow circular motions to avoid creating bubbles in the mass of the material. The render is applied by hand, using a smooth, stainless metal spatula, or with a rendering machine.

While still fresh, MARMOCRYL Granit is treated (pressed) with a metal spatula. Working time depends on substrate absorbency and ambient temperature.

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## Packaging

MARMOCRYL Granit is supplied in plastic containers of 25 kg.

## Shelf life – Storage

18 months from production date if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

## Remarks

- The natural aggregates used in the render can cause slight differences in color. For this reason and in order to achieve a uniform color result, it is recommended to use products of the same batch or to mix products of different batches. Moreover, the final color may be affected by the substrate temperature and humidity.
- Temperature during application should be between +5°C to +35°C.
- While still fresh, MARMOCRYL Granit should be protected from high temperatures, rain and frost.
- Consult the safety instructions written on the packaging before use.

## Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory c, type WB is 40 g/l (2010) for the ready-to-use product.

The ready-to-use product MARMOCRYL Granit contains a maximum of 40 g/l VOC.



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11

### EN 15824

#### External render based on organic binder

DoP No.: MARMOCRYL GRANIT/1815-02

**Water vapor permeability:** V2

**Water absorption:** W2

**Adhesion:** 0.9 MPa

**Durability:** NPD

**Thermal conductivity:**  $\lambda = 0.7$  W/(mK)

**Reaction to fire:** Euroclass C

### ISOMAT S.A.

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