

# MARMOCRYL Fine

## Acrylic, pasty, ready-to-use render Smooth finish • White or colored • Water-repellent

### Description

MARMOCRYL Fine is a ready-to-use, pasty, white or colored, acrylic render. It contains aggregate of special particle size granulation that forms a smooth, decorative surface. It offers the following benefits:

- High elasticity and excellent bonding to the substrate.
- Total water repellency, according to EN1062-3.
- Excellent vapor permeability.
- No need for facade painting.
- Resistance to alkalis, according to DIN 18556.
- Crack prevention, unlike ordinary cement-lime renders.
- Simplified, faster application.
- Suitable for indoor and outdoor applications.

Certified with the CE marking, according to EN 15824.

### Fields of application

MARMOCRYL Fine is used as the finishing coat of rendering works, to create a white or colored, water-repellent smooth finish surface (thin layer). It can be applied on all kinds of building materials like render, concrete, cement boards, gypsum boards, etc. Suitable for outdoor and indoor applications. It replaces the final render coat. Due to its high elasticity and excellent bonding to the substrate, it is also an ideal final layer for external, thermally insulated facades.

### Technical data

Form: pasty  
Colors: white and 1950 selected colors (ISOMAT COLOR SYSTEM)

Density: 1.82 ± 0.03 kg/l  
Water vapor permeability: V2  
(EN ISO 7783-2, V2: Medium 0.14 ≤Sd<1.4m)  
Water permeability W3  
(EN 1062-3, W3: Low w< 0.1 kg/m<sup>2</sup>h<sup>0.5</sup>)  
Adhesion : 0.4 MPa  
(EN 1542)  
Thermal conductivity λ=0.7 W/(m · K)  
(EN 1745)  
Reaction to fire Euroclass C  
Drying time: 4-6 h (23°C and 50% R.H.)

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

### Available Types

Depending on the particle size of aggregate, MARMOCRYL Fine is available in the following types:

Type	Thickness of application
<b>MARMOCRYL Fine 1 mm</b>	approx. 1 mm
<b>MARMOCRYL Fine 1.5 mm</b>	approx. 1.5 mm
<b>MARMOCRYL Fine 2 mm</b>	approx. 2 mm

### Consumption

Approx. 1.8 kg/m<sup>2</sup>/mm.

Directions for use	Remarks
<p><b>1. Substrate preparation</b> The substrate must be dry and free of dust, oily or loose materials etc. It is then primed with the special primer FLEX-PRIMER. Smooth or non absorbent surfaces should be primed with PL-BOND. MARMOCRYL Fine is applied after the primer has dried.</p> <p><b>2. Application</b> MARMOCRYL Fine should be thoroughly stirred before application. Stirring should be done 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 trowel, or with a rendering machine. While still fresh (approx. after 20 minutes), the render is treated (pressed) with a plastic trowel. Working time depends on the substrate absorptivity and ambient temperature.</p>	<ul style="list-style-type: none"><li>• The natural aggregate 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.</li><li>• Temperature during application should be between +5°C to +35°C.</li><li>• While still fresh, MARMOCRYL Fine should be protected from high temperatures, rain and frost.</li><li>• Consult the directions for safe use and precautions written on the package.</li></ul>
<b>Packaging</b>	<b>Volatile Organic Compounds (VOCs)</b>
<p>MARMOCRYL Fine is supplied in plastic containers of 25 kg.</p>	<p>According to the 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 Fine contains a maximum of 40 g/l VOC.</p>
<b>Shelf-life - Storage</b>	
<p>18 months from production date, if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sun exposure and frost.</p>	

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**ISOMAT S.A.**

17<sup>th</sup> km Thessaloniki – Ag. Athanasios  
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece

11

**EN 15824**

**External render based on organic binder**

DoP No.: MARMOCRYL-FINE/1403-01

**Water vapor permeability:** V2

**Water absorption:** W3

**Adhesion:** 0.4 MPa

**Durability:** NPD

**Thermal conductivity:**  $\lambda = 0.7 \text{ W/(m} \cdot \text{K)}$

**Reaction to fire:** Euroclass C

**ISOMAT S.A.**

BUILDING CHEMICALS AND MORTARS

**MAIN OFFICES - FACTORY:**

17th km Thessaloniki - Ag. Athanasios Road,  
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,  
Tel.: +30 2310 576 000, Fax: +30 2310 722 475

**www.isomat.eu e-mail: info@isomat.eu**

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