

# MARMOCRYL Fine

## Acrylic, ready-to-use, exceptionally water-repellent finish render – Smooth finish

### Description

MARMOCRYL Fine is a ready-to-use, pasty, white or colored, acrylic finish render consisting of aggregates with special particle size distribution to form 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 traditional cement-lime renders.
- Simplified, faster application.
- Suitable for indoor and outdoor applications.

Certified according to EN 15824: 2017. CE marked.

### Fields of application

MARMOCRYL Fine is used as a thin finishing coat of rendering works, to create a white or colored, water-repellent smooth finish. 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 final coat for external, thermal insulation systems, e.g. the ISOMAT THERMOSYSTEM thermal insulation systems.

### Technical data

Form:	pasty
Colors:	white and 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: (EN 1542)	0.4 MPa
Thermal conductivity (EN 1745)	λ=0.7 W/(m K)
Reaction to fire	Euroclass B-s2,d0
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 grain size, MARMOCRYL Fine is available in the following types:

Type	Application thickness
MARMOCRYL Fine 1 mm	~ 1 mm
MARMOCRYL Fine 1.5 mm	~ 1.5 mm
MARMOCRYL Fine 2 mm	~ 2 mm

### Consumption

Approx. 1.8 kg/m<sup>2</sup>/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 Fine is applied after the primer has dried.

#### 2. Application

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 steel trowel, or with a rendering machine.

# MARMOCRYL Fine

While still fresh (5-15 min. after its application), the render is treated (pressed) with a plastic trowel. Working time depends on the substrate absorptivity and ambient temperature.

## Packaging

MARMOCRYL Fine is supplied in 25 kg plastic containers.

## 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 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 substrate temperature and humidity
- Temperature during application should be between +5°C to +35°C.
- While still fresh, MARMOCRYL Fine 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 Fine contains a maximum of 40 g/l VOC.



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### EN 15824

**External render based on organic binder**

DoP No.: MARMOCRYL-FINE/1403-02

**Water vapor permeability:** V2

**Water absorption:** W3

**Adhesion:** 0.4 MPa

**Durability:** NPD

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

**Reaction to fire:** Euroclass B-s2,d0

### ISOMAT S.A.

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