

## Silicone, pasty, ready-to-use plaster Smooth finish • White or colored • Water-repellent

### Description

MARMOCRYL SILICONE Fine is ready-to-use, pasty, white or colored, silicone acrylic plaster. It consists of aggregate with a special particle size granulation, to form a smooth decorative surface. It offers the following benefits:

- High elasticity and excellent bonding to the substrate.
- Total water-repellency acc. to EN1062-3.
- Excellent vapor permeability.
- No need for facade painting.
- Resistance to alkalis according to DIN 18556.
- Cracking prevention unlike ordinary cement-lime plasters.
- Simplifies and makes the application faster.
- Suitable for indoor and outdoor application.

Certified with the CE marking according to EN 15824.

### Fields of application

MARMOCRYL SILICONE Fine is used as the finishing coat of plastering 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 plaster, concrete, cement boards, gypsum boards etc. Suitable for outdoor and indoor applications. It replaces the final plaster coat. Due to its high elasticity and its excellent bonding to the substrate it is also an ideal final layer for external thermo-insulated facades.

### Technical data

Form:	pasty
Colors:	white and 1024 selected (ISOMAT COLOR SYSTEM)
Density:	1,80 ± 0,03 kg/lit

Water vapour permeability: V1

(EN ISO 7783-2, V1: High  $S_d < 0,14m$ )

Water permeability W3  
(EN 1062-3, W3: Low  $w < 0,1 \text{ kg/m}^2\text{h}^{0,5}$ )

Adhesion : 0,4 MPa  
(EN 1542)

Thermal conductivity  $\lambda = 0,7 \text{ W/(m} \cdot \text{K)}$   
(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 after use with water.

### Available Types

MARMOCRYL SILICONE Fine according to the particle size of aggregates is available in the following types:

Type	Thickness of application
<b>MARMOCRYL SILICONE Fine 1 mm</b>	approx. 1 mm
<b>MARMOCRYL SILICONE Fine 1,5 mm</b>	approx. 1,5 mm
<b>MARMOCRYL SILICONE 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</b> The substrate must be dry and free of dust, oily or loose materials etc. Priming follows, using the special primer SILICONE-PRIMER. Smooth or non adsorptive surfaces should be primed with PL-BOND. MARMOCRYL SILICONE Fine is applied after the primer has been dried.</p> <p><b>2. Application</b> MARMOCRYL SILICONE Fine should be thoroughly stirred before application. The stirring should be done with slow circular motions to avoid creating bubbles in the mass of the material. The plaster is applied by hand, using a smooth stainless metallic spatula, or with a plastering machine. While still fresh (approx. after 20 minutes) the plaster is treated (pressed) by plastic spatula. Working time depends on substrate's absorptivity and ambient temperature.</p>	<ul style="list-style-type: none"> <li>• The natural aggregates used in the plaster can cause slight differences in color. For this reason and in order to achieve uniform color result, it is recommended the products to come from the same batch or to mix products from 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>• MARMOCRYL SILICONE Fine while it is still fresh should be protected from high temperatures, rain and frost.</li> <li>• Consult the usage risks and safety advice written on the bag.</li> </ul>
<p><b>Packaging</b></p>	<p><b>Volatile organic compounds (VOCs)</b></p>
<p>MARMOCRYL SILICONE 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 40g/l (2010) for the ready to use product. The ready to use product MARMOCRYL SILICONE Fine contains max &lt;40 g/l VOC.</p>
<p><b>Shelf-life - Storage</b></p>	
<p>12 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.</p>	

# MARMOCRYL SILICONE Fine



**ISOMAT S.A.**

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**EN 15824**

**External render based on organic binder**

**Water vapour permeability:** V1

**Water absorption:** W3

**Adhesion:** 0,4 MPa

**Durability:** NPD

**Thermal conductivity:**  $\lambda = 0,7 \text{ W}/(\text{m} \cdot \text{K})$

**Reaction to fire:** Euroclass C

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BUILDING CHEMICALS AND MORTARS

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The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.



**Silicone, pasty, ready-to-use plaster**  
**Coarse-textured finish • White or colored • Water-repellent**

**Description**

MARMOCRYL SILICONE Decor is ready-to-use, pasty, white or colored, silicone acrylic plaster. It consists of aggregate with a special particle size granulation, to form a coarse-textured decorative surface. It offers the following benefits:

- High elasticity and excellent bonding to the substrate.
- Enables to create coarse-textured decorative surfaces with different texture according to the way of rubbing.
- Total water-repellency acc. to EN1062-3.
- Excellent vapor permeability.
- No need for facade painting.
- Resistance to alkalis according to DIN 18556.
- Cracking prevention unlike ordinary cement-lime plasters.
- Simplifies and makes the application faster.
- Suitable for indoor and outdoor application.

Certified with the CE marking according to EN 15824.

**Fields of application**

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

**Technical data**

- Form: pasty
- Colors: white and 1024 selected (ISOMAT COLOR SYSTEM)
- Density: 1,80 kg/lit ± 0,03 kg/lit
- Water vapour permeability: V1  
(EN ISO 7783-2, V1: High Sd<0,14m)
- 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 after use with water

**Available Types**

MARMOCRYL SILICONE Decor according to the particle size of aggregates is available in the following types:

Type	Thickness of application
MARMOCRYL SILICONE Decor 2 mm	approx. 2 mm
MARMOCRYL SILICONE Decor 3 mm	approx. 3 mm

## Consumption

Approx. 1,6 kg/m<sup>2</sup>/mm.

## Directions for use

### 1. Substrate

The substrate must be dry and free of dust, oily or loose materials etc. Priming follows, using the special primer SILICONE-PRIMER. Smooth or non adsorptive surfaces should be primed with PL-BOND. MARMOCRYL SILICONE Decor is applied after the primer has been dried.

### 2. Application

MARMOCRYL SILICONE Decor should be thoroughly stirred before application. The stirring should be done with slow circular motions to avoid creating bubbles in the mass of the material. The plaster is applied by hand, using a smooth stainless metallic spatula, or with a plastering machine.

While still fresh (approx. after 20 minutes) the plaster is treated (pressed) by plastic float, in horizontal, vertical, or circular movements depending on the desirable appearance of the surface.

Working time depends on substrate's absorptivity and ambient temperature.

## Packaging

MARMOCRYL SILICONE Decor is supplied in plastic containers of 25 kg.

## Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

## Remarks

- The natural aggregates used in the plaster can cause slight differences in color. For this reason and in order to achieve uniform color result, it is recommended the products to come from the same batch or to mix products from 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.
- MARMOCRYL SILICONE Decor while it is still fresh should be protected from high temperatures, rain and frost.
- Consult the usage risks and safety advice written on the bag.

## Volatile organic compounds (VOCs)

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

The ready to use product MARMOCRYL SILICONE Decor contains max <40 g/l VOC.



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