

Acrylic, pasty, ready-to-use render Coarse-textured finish • White or colored • Water-repellent

Description

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

- High elasticity and excellent bonding to the substrate.
- The potential to create different, coarse-textured decorative surfaces, depending on the way of rubbing.
- Total water repellency, according to EN 1062-3.
- Excellent vapor permeability.
- No need for facade painting.
- Resistance to alkalis, according to DIN 18556.
- Crack prevention, unlike ordinary cement-lime renders.
- Simplified and faster application.
- Suitability for indoor and outdoor application.

Certified with the CE marking, according to EN 15824.

Fields of application

MARMOCRYL Decor is used as the finishing coat of rendering 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 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:	1.87 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 ² h ^{0.5})
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 aggregates, MARMOCRYL Decor is available in the following types:

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

Consumption

Approx. 1.6 kg/m²/mm.

Directions for use

1. Substrate preparation

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 Decor is applied, after the primer has dried.

2. Application

MARMOCRYL Decor 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 float, in horizontal, vertical, or circular movements depending on the desirable appearance of the surface. Working time depends on the substrate absorptivity and ambient temperature.

Packaging

MARMOCRYL Decor 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 sun exposure 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 the substrate temperature and humidity.
- Temperature during application should be between +5°C to +35°C.
- While still fresh, MARMOCRYL Decor should be protected from high temperatures, rain and frost.
- Consult the directions for safe use and precautions written on the package.

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 40 g/l (2010) for the ready-to-use product.

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



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EN 15824

External render based on organic binder

DoP No.: MARMOCRYL-DECOR/1402-01

Water vapor permeability: V2

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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