

# MARMOCRET PLUS Decor

## Polymer-modified, cement-based render

### Coarse-textured finish • White or colored • Water-repellent

#### Description

MARMOCRET PLUS Decor is a premixed render (skim coat) with coarse aggregate (up to 3 mm), enhanced with resins.

MARMOCRET PLUS Decor offers:

- Total water-repellency, acc. to DIN 18550.
- Excellent vapor permeability (breathability).
- No need for facade painting.
- Stable standardized properties.
- Suitable for indoor and outdoor application.
- Crack prevention unlike ordinary cement lime renders.
- Simplified application on site (needs only water).

Certified according to EN 998-1 and classified as GP CS II, W2 mortar. CE marked.

#### Fields of application

MARMOCRET PLUS Decor is used to create a white or colored water-repellent, coarse-textured surface on substrates where flexibility and adhesion are required. It can replace the final render coat (finish or setting coat).

In combination with the fiber-reinforced adhesive ISOMAT AK-THERMO, it is used as a system for application on thermal insulation boards.

#### Technical data

Form:	cementitious powder
Particle size:	up to 3 mm
Water demand:	5.00-5.50 l/25 kg bag
Bulk density of dry mortar:	1.50 ± 0.10 kg/l
Bulk density of fresh mortar:	1.85 ± 0.10 kg/l
Compressive strength:	3.60 ± 1.00 N/mm <sup>2</sup>

Flexural strength:	1.70 ± 0.20 N/mm <sup>2</sup>
Adhesive strength:	0.70 N/mm <sup>2</sup>
Capillary water absorption:	≤ 0.2 kg/m <sup>2</sup> min <sup>0.5</sup>
Thermal conductivity coefficient (λ <sub>10,dry</sub> ):	≤ 0.47 W/(m·K) for P=50%
Water-vapor diffusion coefficient (μ):	13
Pot life:	5 h at +20°C

#### Colors

MARMOCRET PLUS Decor is available in white (N° 100) and shell (N° 207). More colors upon order (minimum quantity 5,400 kg).

#### Directions for use

##### 1. Substrate preparation

The substrate must be free of dust, grease, loose particles, etc.

When necessary, before the application of MARMOCRET PLUS Decor the substrate is well dampened or primed with PL-PRIMER, which reduces the absorptivity of the substrate to ensure color uniformity all over the surface.

##### 2. Application

MARMOCRET PLUS Decor is added to clean water under continuous stirring, until a mortar with the required workability is formed. The mixer to be used should be clean, to avoid any alteration of the render's color.

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The render is applied by hand using a float or a trowel, or with a rendering machine to a thickness of 2.5-3.5 mm.

The render is then treated (pressed) by plastic or wooden float, in horizontal, vertical, or circular movements depending on the desired appearance of the surface. Working time depends on the absorbency of the substrate and ambient temperature.

## Consumption

Approx. 1.4 kg/m<sup>2</sup>/mm of render thickness.  
Recommended thickness: 2.5-3.5 mm.

## Packaging

MARMOCRET PLUS Decor is supplied in 25 kg paper bags.

## Shelf life – Storage

12 months from production date if stored in original, unopened packaging, in frost-free and dry conditions.

## Remarks

- Temperature during application should be at least +5°C.
- During hot weather MARMOCRET PLUS Decor should be dampened after application to prevent water loss.
- Due to cement content, MARMOCRET PLUS Decor reacts with water, forming alkaline solutions, thus is classified as irritant.
- Please consult the safety instructions written on the packaging before use.



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### EN 998-1

**General purpose rendering mortar (GP)  
for external use**

**DoP No.: MARMOCRET-PLUS DECOR/1230-  
03**

**Reaction to fire:** Class A1

**Adhesion:** 0.7 N/mm<sup>2</sup> – **FP:** B

**Water absorption:** W2

**Water vapor diffusion coeff.:** μ 13

**Thermal conductivity:** (λ<sub>10,dry</sub>) 0.47 W/mK

**Durability** (against freeze/thaw): evaluation based on provisions valid in the intended place of use of the mortar

### ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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