

# MARMOCRET-PLUS Fine

## Polymer-modified, cement-based render

### Smooth finish • White or colored • Water-repellent

#### Description

MARMOCRET-PLUS Fine is a premixed render (skim coat) with fine-grained aggregate (up to 1.3 mm), enhanced with resins.

MARMOCRET PLUS Fine offers:

- Total water-repellency, according to DIN 18550.
- Excellent vapor permeability (breathability).
- No need for facade painting.
- Stable standardized properties.
- Suitability 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 a GP CS II, W2 mortar. CE marked.

#### Fields of application

MARMOCRET-PLUS Fine is used to create a white or colored water-repellent final smooth surface on substrates where high flexibility and adhesion are required. It usually replaces the final render coat (finish or setting coat).

In combination with the fiber-reinforced adhesive ISOMAT AK-THERMO, it is used as part of an external thermal insulation system.

#### Technical data

Form:	cementitious powder
Particle size:	up to 1.3 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:	3.50 ± 1.00 N/mm <sup>2</sup>
Flexural strength:	1.70 ± 0.20 N/mm <sup>2</sup>
Adhesion:	0.60 N/mm <sup>2</sup>
Capillary water absorption:	≤ 0.2 kg/m <sup>2</sup> min <sup>0.5</sup>

Thermal conductivity coefficient ( $\lambda_{10, dry}$ ): ≤ 0.47 W/(m·K)  
for P=50%

Water vapor diffusion coefficient ( $\mu$ ): 14

Pot life: 4 h at +20°C

#### Colors

MARMOCRET-PLUS Fine 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.

If considered necessary, before the application of MARMOCRET-PLUS Fine, dampen the substrate well or prime it with PL-PRIMER that will reduce the absorbency of the substrate, ensuring color uniformity all over the surface.

##### 2. Application

MARMOCRET-PLUS Fine is added to clean water under continuous stirring, until a mortar of the required workability is formed. The mixer to be used should be clean, to avoid any alteration of the render's color. The render is applied by hand, using a float, trowel or rendering machine. Then, it is smoothed by hand using a sponge float, after it has sufficiently set. Working time depends on the substrate absorptivity, ambient temperature and workability of the mixture.

#### Consumption

Approx. 1.4 kg/m<sup>2</sup>/mm of render thickness.  
Recommended thickness: 2-3 mm.

#### Packaging

MARMOCRET-PLUS Fine is supplied in 25 kg paper bags.

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## 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 Fine should be watered after application, to avoid water loss.
- Due to cement content, MARMOCRET-PLUS Fine reacts with water forming alkaline solutions, thus is classified as irritant.
- Please consult the safety instructions precautions 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 FINE/ 1228-04**

**Reaction to fire:** Class A1

**Adhesion:** 0.6 N/mm<sup>2</sup> – **FP:** B

**Water absorption:** W2

**Water vapor diffusion coeff.:**  $\mu$  14

**Thermal conductivity:** ( $\lambda_{10, dry}$ ) 0.47 W/mK

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

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