

# MARMOCRET Fine

## Cement-based render

### Smooth finish • White • Water-repellent

#### Description

MARMOCRET Fine is a pre-mixed render (skim coat) with fine-grained aggregate (up to 1.3 mm) that only requires the addition of water. MARMOCRET Fine offers:

- Total water repellency, according to DIN 18550.
- Excellent vapor permeability (breathing ability).
- Stable standardized properties.
- Suitability for indoor and outdoor application.
- Crack prevention unlike ordinary cement-lime renders.
- Simplified application on site (needs only water).

It is classified as GP CS II, W1 mortar according to EN 998-1.

#### Fields of application

MARMOCRET Fine is used as the finish coat of rendering work, to create a white, water-repellent final smooth surface. It usually replaces the final render coat.

#### Technical data

Form:	cementitious powder
Particle size:	up to 1.3 mm
Color:	white
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:	1.50 ± 0.20 N/mm <sup>2</sup>
Adhesive strength:	0.40 N/mm <sup>2</sup>
Capillary water absorption:	≤ 0.4 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 ( $\mu$ ): 13

Pot life: 4 h at +20°C

#### Directions for use

##### 1. Substrate preparation

The substrate must be free of dust, oily or loose materials etc. and should be thoroughly dampened, before the application of MARMOCRET Fine.

If a rendering coat has been applied first, it has to possess a compressive strength equal to or higher than the one of MARMOCRET Fine, according to the general principle dictating that every preceding layer should be stronger than the next one.

In case of colored (other than white) render application, it is recommended to prime the surface with PL-PRIMER, which reduces the absorptivity of the substrate, ensuring a uniform surface color. The substrate may be a rendering coat, or even a concrete or masonry surface.

##### 2. Application

MARMOCRET Fine is added into 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. The render is then 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: 2-5 mm.

#### Packaging

MARMOCRET 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 places protected from moisture and frost.

## Remarks

- Temperature during application should be at least +5°C.
- In hot weather, MARMOCRET Fine should be watered after application, to be protected from water loss.
- MARMOCRET Fine contains cement that reacts with water forming alkaline solutions, thus is classified as irritant.
- Consult the directions for safe use and precautions written on the package.



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**EN 998-1**  
**General purpose rendering mortar (GP)**  
**for external use**

**DoP No.: MARMOCRET FINE/1229-04**

**Reaction to fire:** Class A1

**Adhesion:** 0,4 N/mm<sup>2</sup> – **FP:** B

**Water absorption:** W1

**Water vapour diffusion coeff.:**  $\mu$  13

**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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