

Cement-based plaster

Coarse-textured finish • White • Water-repellent

Description

MARMOCRET Decor is a pre-mixed plaster (skim coat) with coarse aggregate (up to 3 mm), that needs only the addition of water. MARMOCRET Decor offers:

- Total water-repellance acc. to DIN 18550.
- Excellent vapor permeability (breathing ability).
- Stable standardized properties.
- Suitable for indoor and outdoor application.
- Cracking prevention unlike ordinary cement-lime plasters.
- Simplified application on site (needs only water).

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

Fields of application

MARMOCRET Decor is used as the finishing coat of plastering works, to create a white, water-repellent final coarse-textured surface. It usually replaces the final plaster coat.

Technical data

Form:	cementitious powder
Particle size:	up to 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 ²
Flexural strength:	1,70 ± 0,20 N/mm ²
Adhesive strength:	0,50 N/mm ²

Capillary water absorption: ≤ 0,4 kg/m² min^{0,5}

Thermal conductivity coefficient ($\lambda_{10, dry}$): ≤ 0,47 W/(m·K) for P=50%

Water-vapor diffusion coefficient (μ): 5/20

Pot life: 5 h at +20°C

Directions for use

1. Substrate

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

If a rendering coat precedes, it has to possess a compressive strength value equal or bigger than MARMOCRET Decor, in order to fulfill the general principle dictating that every preceding layer should be stronger than the next one. In case of colored (other than white) plaster application, priming with PL-PRIMER is recommended, which reduces the absorptivity of the substrate, ensuring uniform surface color. The substrate may be a rendering coat, but also a concrete or brickwork surface.

2. Application

MARMOCRET Decor is added into 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 plaster's color.

The plaster is applied by hand, using a float or a trowel, or with a plastering machine in 2,5-3,5 mm thickness.

The plaster is then treated (pressed) by plastic or wooden float, in horizontal, vertical, or circular movements depending on the desirable appearance of the surface.

MARMOCRET Decor



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

Consumption

Approx. 1,5 kg/m²/mm.
Recommended thickness: 2,5-3,5 mm.

Packaging

MARMOCRET Decor is supplied in 25 kg paper bags.

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 Decor should be watered after application, to be protected from water loss.
- MARMOCRET Decor contains cement and reacts as alkaline with water, so it is classified as irritant.
- Consult the usage risks and safety advice written on the bag.



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EN 998-1

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

Reaction to fire: Class A1

Adhesion: 0,5 N/mm² – **FP:** B

Water absorption: W1

Water vapour diffusion coeff.: μ 5/20

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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