

Base layer plaster

Description

MARMOCRET-BASE is a pre-mixed, cement-based plaster, that needs only the addition of water. MARMOCRET-BASE offers:

- High adhesion to the substrate.
- Excellent workability.
- Simplification and acceleration of application.
- Ideal for application with plastering machine.
- Stable standardized properties.
- Excellent vapor permeability of the construction.
- Suitable for indoor and outdoor applications.

It is classified as type GP CS II, W0 mortar according to EN 998-1.

Fields of application

MARMOCRET-BASE is used to create the “basic layer” of plaster.

It constitutes the ideal substrate for the subsequent final coat (finishing coat) of plaster when MARMOCRET or MARMOCRET PLUS premixed, colored, water-repellent finish coat plasters are used.

Technical data

Form:	cementitious powder
Color:	grey
Particle size:	up to 1,3 mm
Water demand:	4,75 l/25 kg bag
Bulk density of dry mortar:	1,60 ± 0,10 kg/l
Bulk density of fresh mortar:	1,70 ± 0,10 kg/l
Compressive strength:	3,70 ± 0,50 N/mm ²

Flexural strength:	1,20 ± 0,30 N/mm ²
Adhesive strength:	0,50 N/mm ²
Capillary water absorption:	≤ 1,0 kg/m ² min ^{0,5}
Thermal conductivity coefficient (λ _{10,dry}):	≤ 0,67 W/(m·K) for P=50%
Water-vapor diffusion coefficient (μ):	15/35
Pot life:	4 h at +20°C
Maximum layer thickness:	30 mm

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-BASE.

2. Application

MARMOCRET-BASE is added into water under continuous stirring, until a mortar with the required workability is formed. The plaster is applied with a plastering machine or by hand, using a float or a trowel. The final coat of plaster should follow 7 days at least after the MARMOCRET-BASE application.

Consumption

Approx. 13,5 kg/m²/cm of plaster thickness.

Packaging

MARMOCRET-BASE is supplied in 25 kg paper bags.

MARMOCRET-BASE



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



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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: W0

Water vapour diffusion coeff.: μ 15/35

Thermal conductivity: ($\lambda_{10, dry}$) 0,67 W/mK

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

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