

MARMOCRET-BOND

Mortar for bonding spatterdash of render

Description

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

- Excellent adhesion to the substrate.
- Excellent workability.
- Simplified and faster application.
- Ideal for application with a rendering machine.
- Stable, standardized properties.
- Suitable for indoor and outdoor applications.

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

Fields of application

MARMOCRET-BOND is used to create the bonding spatterdash (rough cast) on concrete, masonry, thermal insulation boards, etc. enhancing the adhesion of the render that follows.

Technical data

Form:	cementitious powder
Color:	grey
Grain size:	up to 3 mm
Water demand:	4.75 l/25 kg bag
Bulk density of dry mortar:	1.65 ± 0.10 kg/l
Bulk density of fresh mortar:	1.90 ± 0.10 kg/l
Compressive strength:	> 13.00 N/mm ²
Flexural strength:	> 5.00 N/mm ²
Adhesive strength:	0.60 N/mm ²
Capillary water absorption:	≤ 0.4 kg/m ² min ^{0.5}
Thermal conductivity coefficient ($\lambda_{10, dry}$):	≤ 0.71 W/(m·K) for P=50%
Water-vapor diffusion coefficient (μ):	20
Pot life:	3 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-BOND.

2. Application

MARMOCRET-BOND is added into water under continuous stirring, until a mortar of the required workability is formed.

The mortar is applied with a rendering machine or by hand, using a trowel.

The basic layer of render can be applied 1-2 days after the application of MARMOCRET-BOND.

Consumption

Approx. 5 kg/m².

Packaging

MARMOCRET-BOND 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.
- MARMOCRET-BOND contains cement and 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-BOND/1232-04

Reaction to fire: Class A1

Adhesion: 0,6 N/mm² – **FP:** B

Water absorption: W1

Water vapour diffusion coeff.: μ 20

Thermal conductivity: ($\lambda_{10,dry}$) 0,71 W/mK

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

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