

MARMOCRET-BASE

Base coat render

Description

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

- High adhesion to the substrate.
- Excellent workability.
- Simplification and acceleration of the application.
- Ideal for application with a rendering machine.
- Consistent quality (factory-batched)
- Excellent vapor permeability of the construction.
- Suitable for indoor and outdoor applications.

Certified according to EN 998-1 and classified as a GP CS II, W0 mortar. CE marked.

Fields of application

MARMOCRET-BASE is used to create the base coat in a rendering system.

Suitable for use as the base coat providing the ideal base for MARMOCRET and MARMOCRET-PLUS colored, water-repellent finish coat renders.

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 ($\lambda_{10, dry}$):	≤ 0.67 W/(m·K) for P=50%
-----------------------------------------------------------	-----------------------------

Water-vapor diffusion coefficient (μ):	10
Pot life:	4 h at +20°C
Maximum layer thickness:	30 mm

Directions for use

1. Substrate preparation

The substrate must be free of dust, oily or loose materials, etc. and should be thoroughly dampened prior to application of MARMOCRET-BASE.

2. Application

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

The render is applied with a rendering machine or by hand, with a float or trowel.

The final coat of render should be applied at least 7 days after application of MARMOCRET-BASE.

Consumption

Approx. 13.5 kg/m²/cm of render thickness.

Packaging

MARMOCRET-BASE 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.

MARMOCRET-BASE

Remarks

- Temperature during application should be at least +5°C.
- In hot weather, MARMOCRET-BASE should be dampened after application to prevent water loss.
- MARMOCRET-BASE 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 packaging.



ISOMAT S.A.

17th km Thessaloniki – Ag. Athanasios
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece

05

EN 998-1

General purpose rendering mortar (GP)

for external use

DoP No.: MARMOCRET-BASE/1233-04

Reaction to fire: Class A1

Adhesion: 0,5 N/mm² – **FP:** B

Water absorption: W0

Water vapour diffusion coeff.: μ 10

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

ISOMAT S.A.

**BUILDING CHEMICALS, MORTARS & PAINTS
HEADQUARTERS – THESSALONIKI, GREECE**

17th km Thessaloniki – Ag. Athanasios Road
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece
T +30 2310 576000

www.isomat.eu e-mail: support@isomat.eu