

# MARCOTHERM PRIMER

WATER SOLUBLE COVERING WALL FIXATIVE FOR INDOOR AND OUTDOOR USE

code 4740019

## DESCRIPTION

MARCOTHERM PRIMER is a high penetration water soluble sealant which is suitable for the impregnation and consolidation of interior and exterior mineral surfaces.

Specific covering fixative for the MARCOTHERM MARCOTHERM External Thermal Insulation Composite System.

The product shows any presence of high residual humidity of the support which does not reach the covering.

Formulated with polymers with very fine particles, in the presence of non-homogeneous surfaces, pointing or patches, MARCOTHERM PRIMER evens out the absorption of the support and creates the ideal anchorage for subsequent coats of the finish.

MARCOTHERM PRIMER has shown itself to be suitable as a fixative for thick coatings and paints and decorations of a mineral or synthetic nature.

When appropriately coloured with a colorimeter, MARCOTHERM PRIMER allows excellent coverings to be achieved in painting cycles with intense and bright shades.

## INSTRUCTIONS FOR USE

May be applied on:

- MARCOTHERM coat thermal system.
- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Gypsum and gypsumboard surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

## TECHNICAL SPECIFICATIONS

- Type of Binder: micro-emulsion low odour
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1: 1,18-1,24 kg/l
- Drying times (at 25°C and 65% R.H.): touch dry in 30-40 min; may be painted over after 2 hours.

## PREPARING THE SURFACE

MARCOTHERM External Thermal Insulation Composite System:

- After the panels adhesion and the consequent levelling, wait the complete drying and maturation of the levelling that, in optimal conditions, is approximately 10 days.
- Apply MARCOTHERM PRIMER following the instruction sections.
- Paint the surface using finishing products from the MARCOTHERM line.

Plaster, gypsum and gypsumboard surfaces:

- Make sure that the support has a maturation time of at least 28 days.
- Check the preservation status. The surface must be smooth. If not, resurface or consolidate using specific

products.

- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.

- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.

- Remove any dust, smog or other deposits by brushing.

- Indoors, level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO 9400006/9410110; sand putty and touch-ups with sandpaper.

- Use adequate sealants to seal any cracks.

- Smooth if necessary with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.

- On a clean, dry surface apply MARCOTHERM PRIMER following the instruction sections

- After 2 hours at least apply finishing product.

Concrete surfaces:

- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.

- Remove any dust, smog or other deposits by brushing.

- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.

- The metal reinforcement disks visible on the surface must be carefully brushed and treated with BETOXAN PRIMER 9490125 passivating agent.

- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/0130; perform the final smoothing with BETOXAN 200 Non-shrinking anti-carbonation smoothing coat 9490120.

- On a clean, dry surface apply MARCOTHERM PRIMER following the instruction sections

- After 2 hours at least apply finishing product.

(The thinning of the sealer and the quantity to be applied depend on the level of absorption of the surface and should be determined by performing preliminary tests on the specific surface).

## APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C

Relative environmental humidity: <75%

Support surface temperature: Min. +5 °C / Max. +35 °C

Moisture level of the support surface: <10%

- Avoid applying when surface condensation is present, or in direct sunlight.

- Tools: brush, roller.

- Nr of coats: 1-2 coats are applied, wet on wet.

- Diluting: 20-30% with water, dependig on the support surfaces absorption.

- Clean tools with water immediately after use.

- Indicative spreading rate: 8-10 mq/l.

It is advisable to perform a preliminary test on the specific support surface to determine yield.

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## TINTING

Colors are obtainable via the Marcromie Color Matching System.

The product may also be tinted using COLORADO series 548 universal colorants, max 5%.

## STORAGE

Maximum storage temperature: +30° C

Minimum storage temperature: +5° C

Stability in the original unopened containers and with suitable temperature conditions: 2 year.

## SAFETY RULES

EU limit value (Dir. 2004/42/EC)

Cat. A/h: Binding primers (water base): 30 g/l (2010)

MARCOTHERM PRIMER Contains max: 30 g/l VOC

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste. Consult the safety sheet for additional information.

## SPECIFICATION ITEM

Covering wall fixative for outdoors/indoors

Application on prepared surfaces, of MARCOTHERM PRIMER water based wall fixative based on micro-emulsion suitable for the impregnation of wall supports in the amounts determined by the support.

Supply and laying of the material € ..... per sq. m.

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