



MARMOS R – lime products

Wall coating for external use, consisting of slaked lime, natural dyes and special vegetable and mineral oils. The finish can be satin (similar to marble) or rustic (similar to Venetian plaster), depending on the method of application. The finish obtained has a very good water vapor permeability and the presence of a chiaroscuro effects due to the different absorptions of the plaster below that allow the product to integrate seamlessly into historical contexts of considerable architectural interest.

SPECIFICATIONS

Performance: high breathability and anchorage to the support, especially in the case in which the same support is comprised of lime-based plasters. It hinders the formation of mold, thanks to its natural composition and reduces the formation of efflorescence for the low presence of salts.

Composition: product based on mineral binders with long seasoning, inorganic mineral pigments and selected fillers with different granulometry. Organic components may not exceed 5%.

Appearance of dried product: mineral matt, veiled with chiaroscuros more or less evident.

Particle size: superfine-grained 0.3 mm; fine-grained 0.6 mm; medium-grained 0.8 mm; coarse-grained 1.2 mm.

Viscosity: thick paste.

Solid content: 76±2.

Water vapor diffusion: excellent.

Weathering resistance: good, degrades slowly over time without phenomena of flaking.

Application: steel/plastic trowel.

Dilution: ready to use.

Yield: (2 coats) superfine-grained 1.6 kg/sqm; fine-grained 2,2 kg/sqm; medium-grained 3 kg/sqm; coarse-grained 4 kg/sqm approx, depending on the surface.

Drying time: 24 hours, depending on the environmental conditions.

UNI EN 15824Outdoor wall coating based on
slaked lime**Vapor permeability coefficient:** V_1 **Water absorption:** W_1 **Adhesion:** ≥ 0.3 MPa**Durability:** ≥ 0.3 MPa**Thermal conductivity:** ($\lambda_{10, dry}$) 1.17 W/m·K
(tab. value; P=50%)**Reaction to fire:** Euroclass F

METHOD OF USE

Ensure that the surface is thoroughly dried and aged. If necessary, take measures to reconstruct or consolidate the surface by using specific products. Remove any mold, efflorescence and any old peeling part not well anchored by brushing or washing. Remove any deposits of dust, smog or other by brushing. Level any irregularities in the surface and treat holes, cracks, crevices and gaps.

- **New surface:** make sure of the aging of plaster (at least 4-5 weeks). It is not necessary any preparation, but only moisten the surface with a paintbrush. Slightly mix **Marmos R** (Caf) and apply it on surfaces with steel trowel respecting a thickness of 2-3 mm (for greater cohesion in the first layer it is recommended to add 10% of white cement); apply the second coat and during the drying phase smooth the wall with steel trowel (if you want a satin finishing, similar to marble) or with a sponged trowel (if you want a rustic finishing, similar to Venetian plaster).



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- *Old plaster:* remove the old paint and restore the plaster by brushing, sanding, paint stripping, etc. Clean the surfaces and then proceed as on new plaster. If there are very absorbent surfaces or plaster presents differences in its composition from one area to another (also for patched!), it is advisable to apply the consolidating primer **Water Fix** (Caf) before lime-based paint to minimize any differences in color that may occur on the lime finish coat.

Having regard to the significant differences of application and of physical-chemical nature of the surfaces, no responsibility can be attributed to the producer in case of difficulty of adherence of the product or to different chemical reactions that can occur, even on color and, worse, if there is the presence of moisture, salt and extreme temperatures (hot or cold). It is therefore necessary that the applicator uses all due caution that experience suggests. Remember that the plaster truly breathable compounds with hydraulic lime and without cement are the ideal support for cycles of restoration with diffusive paints.

CLIMATE CONDITIONS

To avoid compromising the optimal appearance and performance of the product we recommended that it be applied only in specific climate conditions:

- Apply to temperatures between +5 °C and +35 °C;
- Avoid the application on surfaces heated by strong sunlight,
- Avoid application when rain is imminent,
- Avoid application in case of humidity;
- Surface must be protected from rain and damp for approximately 48 hours.

USEFUL TIPS

- Store at room temperature.
- Close the container tightly after each use.
- Protect surfaces not to be painted (windows, tiles, glass etc ...).

Protect from frost.

Packaging: 25 Kg.

Color: white, Allegro color chart.

The coloring is possible with the Tinting System **Allegro**.

Washing tools: use water immediately after use.

Specification Item

- > Protect all surfaces not subject to application of paint.
- > Preparation of the surface by manual brushing or washing with high pressure washer machine, depending on the nature and intensity of the dirt. If the surfaces to be treated were covered with organic paints is advisable total removal of these paintings.
- > Application by steel trowel of two coats of lime-based wall coating **Marmos R** (CAF) waiting at least 24 hours between them, subject to a consumption refers to two coats of 2,5-3 Kg/sqm, according to the type of support.
- > All applications must be performed on completely dry surfaces, with the ambient temperature and that of the surfaces to be painted between +5 °C and +35 °C with relative humidity not exceeding 80%. If you ever experience environmental conditions other than those mentioned above, as well as in the presence of wind, dust, smoke, etc ..., the application should not be initiated.

The technical informations contained in this technical sheet are based on our practical experience and laboratory testing and are purely indicative. We offer products and operating systems in perfect correspondence with the highest quality standards, provided that the instructions for use are followed in accordance with the needs and the professional knowledge of utilization. The application of the products takes place outside of our control and therefore is under the sole responsibility of the customer. Our technical department is always at your complete disposal to provide any further information or clarification.