

MARBREX R

Lime plaster finish for indoor / outdoor use

TECHNICAL DATA SHEET



■ Use

MARBREX R lime plaster is a natural and eco-friendly **lime plaster** for indoor and outdoor use. **MARBREX R lime plaster** has been modified and improved using the latest techniques so as to offer excellent aesthetic and adhesive qualities. **MARBREX R lime plaster** gives a very fine texture with nuances and warm colors. A variety of finishes can be obtained: applying in one coat, sponge floated for a delicately rustic surface, or in two coats, burnished for a rough stone look or a smooth finish like matt stucco. **MARBREX R lime plaster** is suitable for indoor decoration (halls, staircases, living rooms, bedrooms ...) as well as building facades. **MARBREX R lime plaster** is particularly recommended for historical buildings, in any town center renovation ventures as well as for an improved aesthetic integration of new buildings into existing environments. **MARBREX R lime plaster** is available in white and is colored using compatible natural pigments or dyes.

• Composition

Lime putty (obtained by a maturing process of 3 to 24 months), powdered marble (grain size of 0 to 0.7mm) and vegetable additives. Made from a selection of non-toxic and biodegradable ingredients that are eco and health friendly. Free from asbestos, formaldehyde and heavy metals.

• Features

- Mineral mattness. Very fine texture with nuances and warm colors.
- High breathability.
- Good resistance to UV (coloring with natural pigments).
- Natural and eco-friendly lime plaster.
- CO₂ absorbent (during the carbonation process, lime absorbs CO₂ contained in the air).
- Naturally anti-bacteria and anti mould.
- Odorless, solvent free, no harmful emissions.

E.U. Classification : cat. A/c VOC 40 g/l limit (2010). This product contains a maximum of 15 g/l of VOC.

■ Application

• Surface preparation

Indoor and outdoor surfaces should be in conformity with the current standards in force. Surfaces must be homogeneously absorbent, sound, clean, dry, non-friable and deprived of salts, moisture and moulds.

MARBREX R lime plaster can be applied directly to natural lime plasters, preferably *a fresco* (wet on wet). When used *a secco* (after drying), dampen the wall with clean water, avoiding streaming before applying **MARBREX R lime plaster**.

Concrete surfaces, cement, dusty lime plasters, gypsum, old compatible paint (peeling paint and semi-gloss or gloss paints must be sanded or removed or primed with a water-based primer) should be fixed beforehand using our SOUS COUCHE POUR CHAUX EXTRA lime primer. *Plasterboards and other types of boards* must be primed with a water-based primer before applying SOUS COUCHE POUR CHAUX EXTRA lime primer.

For a rapid, economical and attractive finish on difficult or irregular surfaces, we recommend you use a mixture of (ratio 1/1) our MINERAL 000 lime plaster in powder form mixed with our eco friendly multi-function mortar MULTITOP. This will give a lime plaster finish which is that has excellent adherence and water resistance. For other surfaces, contact us for technical support.

• Application

Appropriate tools: stainless steel trowel, sponge float. **MARBREX R lime plaster may be projected.**

Apply 1 or 2 coats of **MARBREX R lime plaster**, 2 to 3mm thick, depending on the finish you want. Do not go beyond 3mm thick per coat.

Delicately rustic surface (one coat, sponge floated) : apply the lime plaster using the stainless steel trowel about 2 mm thick. When the plaster begins to harden, level off and bring out the grain using the sponge float by dampening the surface. Avoid excess water.

Rough stone look (two coats, burnished) : apply to a first coat that is dry and sponge floated. Dampen if necessary and apply a second coat between 1 and 1.5mm thick. Sponge float and burnish using the stainless steel trowel before it dries.

Smoothed (matt stucco finish) : before the first coat has dried, apply a second coat with the stainless steel trowel, 1 to 1.5mm thick. When the plaster begins to harden, use the edge of the stainless steel trowel to make the plaster shine. You can use our MINERAL 000 lime plaster in powder form for the first coat.

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Interesting antique or multi-color effects can be created with natural pigments and our VELATURA glaze or using our BADIMAT® lime wash paint over the **MARBREX R lime plaster** surface.

MARBREX R lime plaster should be used as the base for any of our stucco finishes (Marmorino, Tadelakt, Mantovano ...) used in combination with our MARBREX L, MARMOLAKT and FINITION S lime stuccos.

- Drying time - Carbonation

24 hrs to 48 hrs depending on the absorbency of the substrate and the ambient humidity.

Where humidity, condensation or water-vapor is present, efflorescence, whitening, variations in color and fading may occur on surfaces that are not totally carbonated. Protect the end result from any rain for several days. To accelerate carbonation after the lime plaster has thoroughly dried, we recommend that you spray the surface gently from bottom to top with clean water using a low pressure spray. Avoid any streaming. Repeat this several times, leaving time to dry in between each spraying.

- Coverage

2 kg to 3 kg / m², depending on the surface and the desired end result.

- Protection

To protect the surfaces from water and stains: you can waterproof using our HYDRO R water repellent (1 or 2 coats) and if you want a shine finish you can wax with our CIRE SOLIDE bees and carnauba wax (1 or 2 coats).

For outdoor work, waterproof with 1 or 2 coats of our HYDRO R water repellent.

- Practical advice

Clean all tools with water immediately after use.

Apply and store at a temperature of +5°C to +30°C (40°F or 85°F).

Do not apply to hot or damp surfaces or those directly exposed to the sun, or in the wind or the rain.

Each wall section should be finished the same day. All overlapping should be done in corners or door angles.

Protect the surrounding areas from splashes or clean with water immediately.

■ Health caution

Irritating to the eyes and skin. **MARBREX R lime plaster** contains lime putty. Avoid contact with eyes.

In case of contact with the eyes, rinse well with fresh water and contact a specialist if any symptoms persist.

Avoid prolonged contact with skin. Keep out of the reach of children.

■ Storage advice

MARBREX R lime plaster will keep for one year in its original closed packaging, away from frost and high temperatures. However, as it is essentially lime putty, it will keep for much longer if covered with a thin layer of clean water.

■ Packaging

MARBREX R lime plaster is conditioned in recyclable plastic buckets of 1 kg, 5 kg and 25 kg.

The information in this sheet is the expression of our knowledge and trial results, it can be considered on no account either as bringing a guarantee, or as engaging our responsibility in case of defective application. We recommend making a sample.