calixtone
ENDUITS DÉCORATIFS NATURELS

TECHNICAL DATASHEET
MINÉRA TRADITION

Decorative mineral render for brilliant trowelled (stucco) and brushed limewash finishes. For interior and exterior use.

DESCRIPTION

MINERA TRADITION is a mineral render based on air-slaked lime that can be trowelled to create the texture, appearance and colour of traditional Venetian Stucco (MARMORINO) or diluted and brushed to create a brushed wash finish. Like all lime-based products, it allows the underlying substrate to breathe. MINERA TRADITION complies with the French FDT 30-808 standard.

APPLICATIONS

May be trowelled or brushed for exterior and interior finishes. May be waterproofed with the addition of PROTECT 3.
MINERA TRADITION is suitable for use with all clean, grease-free mineral substrates with normal absorbency characteristics. Plaster, smoothing compounds, plasterboard or mixed substrates should be pre-treated with a universal sealing primer, followed by application of our adhesion-enhancing stabiliser CALIQUARTZ.
On painted and other consistent substrates, simply matt the surface and apply one coat of CALIQUARTZ.
On external walls, apply a suitable base coat to the existing substrate: FIXALIT

- for non-absorbent substrates (paint, thick plastic coatings, sealed surfaces...)
- on shuttered concrete or any other traditional cement render

Do not apply to wood (except for MDF following prior application of one coat of CALIQUARTZ), metals, plastics or any non-stable substrate.

MINERA TRADITION is supplied in 5 Kg and 10 Kg tubs.

INSTRUCTIONS FOR USE

- For stucco finishes, the ambient temperature should be in the range 5°C to 35°C.

Dry-mix the powder for 1-2 minutes at low speed to decompact the packaged product.
Add 4.5-5 litres of water per 10 Kg of powder, mixing continuously. Leave to rest for 10 minutes. Remix for 2-3 minutes. The mix remains workable for up to 10 hours (approximately). However, it may be conserved for up to 72 hours by adding a little water to the surface and sealing the tub. Users will adjust the quantity of water depending on their preferred working consistency. It is important to mix enough of the product to cover the surface in a single session.

Apply the first coat evenly to the dry substrate using a stainless steel trowel or spatula. As soon as the product begins to set, go back over the surface using a smoothing motion to remove high points without putting too much pressure on the tool. Any surface imperfections remaining after drying can be easily removed by scraping with a knife of lightly sanded.
N.B.: it is possible to take advantage of these slight differences in first coat height to obtain a more pronounced overall effect in the final finish. They should then be consistent across the entire surface so as to appear intentional. Coat thickness should never exceed 1-2 mm.

The second coat is applied 24 hours after the first, using a slightly more fluid product mix (although it must still have good adhesion and be easily controlled using the application tool). Use a stainless steel or PVC trowel to apply the controlled pressure required to achieve a polished trowel finish. The direction of polishing and degree of regularity will govern the final appearance. At this stage, the effects produced and subtle shading created by the material begin to emerge and the surface begins to shine as a result of the polishing action.
After drying for 24 hours, the finish can be shined and waterproofed by applying a finishing wax by cloth. Complete the job the following day by shining with a woollen cloth or power buffer.

COVERAGE: 0.7 Kg - 0.8 Kg per m² in 2 coats.

- For brushed finishes:

Dry-mix the powder for 1-2 minutes at low speed. Add 8-12 litres of water per 10 Kg of powder and mix continuously until completely smooth. Leave to rest for 15 minutes. Mix again and add sufficient water to obtain the desired consistency. The material may be worked in a 'butterfly' or criss-cross pattern using broad strokes with a rectangular limewash brush. Repeat the same process for the second coat once the first coat has fully dried (approximately 24 hours).
For exterior application in high temperatures and/or high winds, dampen the substrate before the first coat and between coats. Never apply in direct sunlight.
In winter, do not apply to external surfaces in temperatures below 8°C, and protect the finish against condensation in foggy weather.
As with all natural lime-based products, it is generally best to complete whole surfaces in a single application.

COVERAGE: 0.3 Kg - 0.4 Kg per m² in 2 coats.

COLOUR SHADES

CALIXTONE colours are developed in our own mixing studios. We use a range of mineral pigments carefully selected for their consistency and accuracy and proven in terms of stability to weathering and the effects of time.

In addition to the shades shown in the chart available in our shop, we can also match any colour up to a saturation level consistent with pigment concentrations of 30-35% by weight (depending on the colouring properties of the pigment concerned). The formulation of these unique shades is saved, and can therefore be reproduced at any future time.

For large areas like external walls, for example, please make sure that you order enough material of a single batch to cover the total area of the job.

Irritant Material
Keep out of reach of children. In the event of contact with eyes or skin, rinse with copious amounts of water.

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