



Marmorino PETRA



TECHNICAL DATA SHEET

PETRA is a coarse-grained, stone-effect interior textured coating made from pure wood-fired lime putty, cured for about 8 to 10 months, finely filtered and with the addition of selected limestone powders.

It is to be mixed with sifted vermiculite, a special additive found in a bag inside the pot. This produces relief surfaces, rough or polished depending on the process, enlivened by the brilliance of the vermiculite. PETRA can be applied in a single coat

Standard application cycle on new, dust-free substrate:

- One coat of primer FOND FINE
- One coat of PETRA

COLOR RANGE

PETRA is supplied in color 01 (Natural white).

Thanks to the QUATTROCOLORI coloring system, an almost infinite number of tints may be obtained by using the 4 lime-compatible colorants red, yellow, blue and black. COLORI BASE is another coloring system designed, and it is made with natural earth pigments and oxides, which are light-resistant.

The material should be coloured before adding vermiculite.

For homogeneous coloring of the material, it is advisable to mix the white base with the chosen toners according to the doses indicated in the CALCE VENEZIANA catalogue, before adding the vermiculite; only after thoroughly mixing the color, add the vermiculite, mix and let the product rest at least 24 hours before application so that the material can recompact and regain the right viscosity.

Due to the presence of vermiculite, which tends to slightly color the paste, it is advisable to assess with a small sample that the coloration obtained is as desired

PREPARATION OF THE SURFACE

In order to perform a proper application, the surface must be completely smooth, dry, without dust or moisture spots. The primer FOND FINE, applied by roller or brush, grants adhesion and insulation. FOND FINE is a white, water-based primer containing extra-fine quartz and specifically designed for lime plaster. The VOC content is very low.

In case of NEW SURFACES as traditional concrete, concrete-based plasters, gypsum and plasterboard, simply apply a coat of FOND FINE. In case of OLD SURFACES as civil plaster, tempera paint and breathable paint in good conditions, it is necessary to brush the surface before applying a coat of ISOLDOR, our special acrylic sealer, before applying one coat of our primer FOND FINE.

In case of OLD SURFACES presenting incoherent or powdery conditions, or that are coated with wax or soap, it is also necessary to sandpaper the surface before applying a coat ISOLDOR first, and then one coat of FOND FINE.

Product: FOND FINE

Consumption: **approx. 150 ÷ 200 g/m²** according to the surface

The product can be diluted with 20% - 30% of water.

Apply a coat by roll or brush, in the perfectly smooth, dry, clean wall.

Product: PETRA color 01 (Natural white) or colored and mixed with the vermiculite additive provided in the bag you find inside the bucket, just over the protective HD foil.

Vermiculite should be possibly mixed with the white or already coloured product, the day before use, so that after mixing, the material can return to the right viscosity to make it easily workable.

Once mixed, it is advisable to use the product within 6 months (with a tightly closed lid and properly stored).

Consumption: **about 3,3 – 3,7 kg/m²**.

Apply an even first coat of PETRA by trowel once the surface is completely dry (6 hours after primer).

To achieve a smooth effect, hollowed out by grooves and veins that will recreate the imperfect appearance typical of natural stone thanks to the presence of the vermiculite granules, laminate the surface by compacting the material as it dries.

TOPCOAT

Let the surface dry for at least 48 hours.

Depending on the desired aesthetic effect, the product can be treated with protective waxes (natural, gloss or matt) or further decorated using our decorative topcoats (Ombra, Bauta, Decorative Effects, etc.). See the relevant data sheets for characteristics and usage information.

ENVIRONMENTAL CONDITIONS OF APPLICATION

Whenever possible, use the same batch for an entire wall.

Apply the product only over matured and dry mortars.

During application the temperature should be between +10 °C and +30 °C, while the relative humidity should be lower than 85% also during the 24 hours following the application.

STORAGE

The product maintains its properties for a period of 24 months if protected from excessive heat and cold.

Once mixed with vermiculite, it is advisable to use the product within 6 months (with a tightly closed lid and properly stored).

Storage temperature should be between +5 °C and +30 °C. **Protect from frost.**

SAFETY GUIDELINES

Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water.

Keep out of the reach of children.

For further information consult the Safety Data Sheet.

DISPOSAL

The product must be disposed in accordance with current regulations. Empty containers should be sent to recycling plants.

Packaging	PETRA: 20 kg, 5 kg, 1 kg
Specific weight	1,68 ± 0,05 kg/l
Theoretical yield	3300-3700 g/m ² in one coat
Dilution	Ready to use
Coating thickness	3-4 mm
Grain size	1,8 mm (not including vermiculite)
Permeability to water vapor (Sd)	High 0,06m Ref. Norma UNI EN ISO 7783-2:2001
Dry to handle	48 hours with 20°C room temperature
Stable hardness	20 days per each mm.
ph value	12 ± 0,2
VOC	PETRA: 0,27g/l Cat. A/c, limit value 2010: 40 g/l

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