

## RAW CLAY MARMORINO

Granulometric interval	0 – 600 microns
Specific gravity (density)	Approx. 1100kg/ m <sup>3</sup>
Vapor diffusion resistance	< 6μ
Thermal conductivity	≈ 0.42 W/ mK
Adhesion to mortar	>1 N/mm <sup>2</sup>
Application temperature	From +5°C to 30°C
Performance	Approx. 0.7kg/m <sup>2</sup> /mm thickness
Customs classification	38160000

### PRODUCT DESCRIPTION

Marmorino based on clays, marble dust and 100% natural additives.

#### USE

This product is especially recommended for finishing interior walls where you want to achieve a finish of great artistic value and a smooth texture that is soft to the touch.

#### MIX PREPARATION

The support must be completely dry, clean, free of friable parts, dust and mold. The old plasters must be adhered to the wall fabric, free of lesions, dry, must be carefully cleaned of residues from previous works (old stucco, old smoothing, etc.) and must be suitably smoothed with natural plasters such as Raso Lime or Bio Adhesive or Arciraso or Arciraso Plus.

Remove interstitial saline scale from the surface.

To apply on plaster-based products or non-breathable surfaces (e.g. plastic paints), contact our Technical Department.

Mix with clean water with a proportion of approximately 0.35 L of water / 1 kg of material. It is possible to vary the proportion of water slightly to improve the workability of the material.

The material can be pigmented on site with our Range of Natural Pigments or other types of natural pigment recommended by Naturclay.

Our recommendation is to maintain the proportion of: 1 cube of Clay Stucco + 1 bag of pigment (approx. 1 kg); It is possible to vary this dosage to obtain lighter or stronger colors. If the Clay Stucco is pigmented on site, it is important to maintain the same dosages throughout the material to avoid differences in shades. If pigmented on site, it may be necessary to add a small amount of water to improve the workability of the material.

Naturclay can supply the product already pigmented for large works.

#### APPLICATION

Marmorino Clay is applied on any breathable and porous support in at least 2 layers of ≈ 1 - 1.5mm, by hand with a trowel.

Do not apply in case of strong wind or risk of frost in the following 48 hours.

It is important to protect the material from rain and infiltration during application and throughout its life cycle.

The drying time of each layer is approximately 24 hours , although it may vary depending on the environmental conditions of the workplace. It is important to protect the material from direct sun, wind and rain, always maintaining constant aeration to promote the drying and hardening process.

Spread the first layer and let it dry. Apply the second layer, spreading the material well and leaving it as smooth as possible. We note that it is not essential to wait for the first layer to completely harden; it is even advisable to apply the second layer when the first still retains a little moisture to improve smoothing. You will notice how the second layer integrates into the first, letting out the “cream” (the thinnest part of the Marmorino) which will facilitate smoothing.

After applying the two layers, let the material dry completely.

When the material is perfectly dry, proceed with ironing. We note that like all raw clay materials, Marmorino Clay can be moistened again and will become workable again. This characteristic is a great advantage for the applicator because it allows repairing or eliminating any defects and imperfections, it is a unique characteristic for a stucco.

Ironing is done with the trowel, scraping at an angle of approximately 15° and ironing the material without scratching it. You will notice how the water begins to appear and the surface also gains shine. It is not essential to polish the surface completely, creating the water is enough for a good finish. We recommend

	<p>specific stainless steel trowels for coating. Naturclay can propose specific tools for correct application.</p> <p>In the event that the Marmorino is scratched or imperfections are created, there is no need to worry, we moisten the material and smooth it again as indicated before.</p> <p>Marmorino Clay does not need any other product for its consolidation. Once dry it achieves great resistance.</p> <p><u>THE WAX (Optional)</u></p> <p>When the material is perfectly ironed and the desired aesthetic effect has been achieved, proceed with the application of a coat of Mortar Wax. Let the wax dry for approximately 1 day so that it reaches good resistance.</p> <p>Wax allows you to create a washable and water-repellent surface, maintaining very good breathability of the material.</p> <p>We proceed with the polishing, which can be done by hand with the same stainless steel trowel used for ironing or with a wall polishing machine with a wool disc.</p> <p>Clean the tool with Natural Thinner, even after the material has hardened.</p> <p>Wear protective glasses and in case of contact with eyes, wash with plenty of water and consult a doctor.</p>
STORAGE	<p>Store in a dry place. Approx. 24 months in its unopened container. Do not eat. Keep the product out of the reach of minors.</p>
WARNINGS	<ol style="list-style-type: none"> <li>1. Apply the product on porous and rough supports, clean , cohesive, non-dusty and dry. Remove old paint or smoothing and any interstitial salt deposits.</li> <li>2. Apply to dry surface at a temperature +5°C +30°C.</li> <li>3. Do not apply in case of strong wind, direct rain or risk of frost in the following 48 hours. Protect the material from direct sun during the drying phase.</li> <li>4. Protect the material from rain and infiltration throughout its life cycle.</li> <li>5. Clean the tool with water and wear protective glasses and in case of contact with eyes, wash with plenty of water and contact a doctor.</li> <li>6. Product for professional use</li> <li>7. If you need to pigment a large amount of material, it is advisable to remove the already pigmented material in a single batch.</li> <li>8. On extended surfaces, provide for appropriate interruptions near joints, downspouts, angles, and corners or provide for appropriate technical joints.</li> <li>9. Do not ingest and keep the product out of the reach of minors.</li> <li>10. Do not apply outdoors.</li> <li>11. Wear protective glasses and in case of contact with eyes, wash with plenty of water.</li> <li>12. Clean the tool with water, even after the material has hardened.</li> </ol>
TERMS AND CONDITIONS	<p>Clay finish, Marmorino de Arcilla type, composed of marble powder, kaolin and natural additives, without subsequent consolidation, applied manually with a thickness of approximately 1mm on a porous support [clay, lime, cementitious, gypsum with prior application of the primer Eco Primer] on the vertical interior facing [and on the... ceiling], with a finish worked in [PLASTING – POLISHING – STUCCO].</p> <p>OPTIONAL: Subsequent protection with beeswax and carnauba, applied manually with a trowel or with a trowel and subsequent mechanical burnishing-polishing.</p> <p>It includes auxiliary means, protection of environmental elements that may be affected during the work and resolution of singular points.</p>