

**Description:** Minera is an artisan plaster essentially composed of hydrated lime, specific hydraulic binders, and fine aggregates - all factory-pre-mixed. It provides a smooth stucco finish over a Portland cement plaster or a Unilime base coat. Just like limestone, Minera combines strength and flexibility, while providing superior resistance to impacts and thermal shocks.

**Advantages:**

- Interior & exterior
- Water vapor permeable
- Healthy (VOC free)
- Mildew & mold resistant
- Low maintenance
- Color fade-resistant
- Impact & abrasion resistant

**Packaging:** Available in 44lb. (20kg) pails and 66lb. (30kg) bags.

**Storage:** Approximately 12 months when stored under cool, dry conditions in the original package.

**Coverage:** The average coverage per pail is 1.5 kg/ m<sup>2</sup> per mm of thickness. On average a pail will yield between 70 to 90 ft<sup>2</sup> and a bag will yield 90 to 110 ft<sup>2</sup>, depending on method application.

**Technical Feature:** Minera is a natural mineral material recommended from a green building point of view as it clearly shows good absorption and diffusion qualities.

**Physical Data:**

- Bulk Dry Density: ≤ 1,65 kg/dm<sup>3</sup>
- Dynamic Elasticity: ≤ 6500 MPa
- Flexion: > 2.5 kg/cm<sup>2</sup>
- Vapor Diffusion: 15 gr/m<sup>2</sup>/H mm Hg
- Impermeability: 50 gr/m<sup>2</sup>/H

**Curing Time:** Allow at least 2 weeks to cure, depending on weather conditions, and a few months for optimal performance.

**Preparation:** The substrate must be clean, dry, and free of dust, frost, grease, oil and other substance that could weaken effecting bonding. At least one worker per scaffold level required for simultaneous, uniform working. In time of warm, windy, or dry days, the substrate shall be damped a few hours before the application. In case of very absorbing surfaces, it is recommended that the substrate be saturated with water a day before the application.

**Mixing Procedure:**

1. Using a mechanical mixer, dry-mix Minera thoroughly for 1-2 minutes with the required pigments.
2. Mix one 66 lb. bag with 1.5 gallons of clean water or one 44lb. pail with 1 gallon to a smooth consistency.
3. Ensure a constant 1: 5 ratio throughout all batches.
4. Let set for 15 minutes and briefly break the set before application.
5. Only add controlled amounts of water if necessary and continue mixing to a suitable consistency.



**Cautions:**

- ▶ Minera will provide ideal working conditions when adequate tools are used and mixing directions are carefully respected.
- ▶ Colors may vary due to conditions and method application. A sample is recommended for approval before job application.
- ▶ Wear particle mask and eye protection when mixing.
- ▶ Do not apply the material if the temperature is below 45 °F (5 °C) or higher than 86 °F (30 °C).
- ▶ Excessive, hasty troweling may cause blisters, cracking, and discoloration.
- ▶ Exterior scaffolds should be netted.
- ▶ Ensure a consistent mixing ratio between batches and throughout the execution of the project.

The present product specification does not release the user from validating the product suitability on the substrate. The products of Mediterranean Colors are warranted to perform according to the manufacturer's instructions. This warranty may not exceed the cost of the product. Under no circumstances, Mediterranean Colors, LLC shall be responsible for consequential damages. The foregoing warranties are in lieu of all other warranties expressed or implied, including the warranties related to fitness for a particular purpose.

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