

**Description:** TRADILIME is a natural mineral hydrophobic binder formulated to achieve traditional stucco finishes. It consists of hydrated lime (85%), natural hydraulic lime (10%) and various admixtures mostly mineral and organic (5%) and all factory-premixed. Economical, TRADILIME is mixed with sand resourced locally near the job-site.

**Advantages:**

- Interior & exterior
- Low maintenance
- Water vapor permeable
- Naturally mold resistant
- Fade Resistant
- LEED® MR 5-1 & 5-2

**Packaging:** Available is 33 lb. (15kg) bags.

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

**Coverage:** The average coverage per bag in one or two successive coats will depend on sand mesh:

- 30 mesh: 6 o 8 yd<sup>2</sup> per bag
- 20 mesh: 6 o 8 yd<sup>2</sup> per bag
- 16 mesh: 4 o 6 yd<sup>2</sup> per bag

**Technical Feature:** Natural mineral material recommended from a green building point of view as it clearly shows good absorption and diffusion qualities. TRADILIME naturally fossilizes with its substrate to a long-lasting, protective crust.

**Physical Data:**

- Bulk Dry Density: 1.6 -1.8 kg/dm<sup>3</sup>
- pH: 12.2 ±0.2
- Dynamic Elasticity: 3500 – 6500 mPas
- Flexural: 0.6 N/mm<sup>2</sup>
- Compressive Strength: 1.8 N/mm<sup>2</sup>
- Water Retention: 76.2
- Vapor Diffusion: 1.7 gr/m<sup>2</sup> H mmHg
- Impermeability: 50 gr. /m<sup>2</sup>/H05

*These values originate from laboratory tests and may vary depending on sand mesh.*

**Colors:** 216 standard colors made of natural mineral pigments. Color matching is also available upon request.

**Curing Time:** Allow 72 hours for a crust to form on the surface, about 3 weeks to cure depending on weather/substrate conditions and a few months for optimal mechanical strengths (carbonation).

**Applications:** The surface must be clean, dry, and free of dust, frost, grease, oil and other substance that could weaken effecting bonding. Older and absorbing substrates will require the application of a water-based primer. At least one worker per scaffold level required for simultaneous, uniform working.

1. In hot, windy conditions, moist-cure brown coat 24 hours prior to application of finish.
2. Saturate the substrate and let water evaporate.
3. Dry-mix TRADILIME with the required ratio of sand and color pigments, and then add clean water with the mixer operating.
4. Let set for 15 minutes and mix again before use.

- ▶ 16 Mesh Sand: Mix 1 part lime to 1 part by volume of sand and 1 part water to 5 parts by volume of lime
- ▶ 20 Mesh Sand: Mix 1 part lime to 1.5 parts by volume of sand and 1 part water to 5 parts by volume of lime
- ▶ 30 Mesh Sand: Mix 1 part lime to 2 parts by volume of sand and 1 part water to 5 parts by volume of lime.

**Cautions:**

- ▶ TRADILIME will produce maximum performance and workability when adequate tools are used and mixing directions are carefully respected.
- ▶ Do not apply the material if the temperature is below 45 °F (5 °C) or higher than 86 °F (30 °C). All exterior scaffolds must be netted at all times to ensure color and texture consistency.
- ▶ Colors may vary due to conditions and method application. A mock-up is highly recommended.
- ▶ Wear particle mask and eye and hand protection when mixing.
- ▶ Ensure a consistent mixing ratio between batches and throughout the execution of the project.
- ▶ Penetrating sealers ease wash ability in high-traffic areas (apply after 7 to 10 days).

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.