

Description: TRADILIME is a natural mineral lime binder designed to mix on the job site with locally sourced sand in order to achieve interior and exterior plaster finishes. Consisting mostly of hydrated lime, specific hydraulic binder, and mineral admixtures, TRADILIME provides the artisan with the flexibility to refine specific design requirements based on the proximity of aggregates. It is greatly appreciated as a wise economical alternative to ready-mix materials.

Advantages:

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

Packaging: Available in 33 lb. (15kg) bags.

Storage: Approximately 12 months when stored under cool, dry conditions in original packaging.

Coverage: The average coverage per pail is 1 kg/ m² per 1/8 inch thickness. On average a bag will yield approximately 150 ft² based on the following lime to sand mix ratio:

► Sand (30/595): 1 part TRADILIME to 1.5 parts sand

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/dm³
- pH: 12.2 ±0.2
- Dynamic Elasticity: 3500 – 6500 mPas
- Flexural: 0.6 N/mm²
- Compressive Strength: 1.8 N/mm²
- Water Retention: 76.2
- Vapor Diffusion: 1.7 gr/m² H mmHg
- Impermeability: 50 gr. /m²/H05

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

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. At least one worker per scaffold level required for simultaneous, uniform working.

1. TRADILIME is mixed with 3 quarts (3 liters) of clean water per bag
2. Use a power drill equipped with a mixing paddle or a self-contained mechanical mixer.
3. Dry-mix TRADILIME with the required ratio of sand.
4. Pour in about half of the water content into a mixing bucket
5. Discharge about half of a bag of TRADILIME and mix to heavy viscosity.
6. Add color pigments (preferably pre-mixed with the mixing water).
7. Add the remaining water and discharge the rest of the bag.
8. Continue mixing to a smooth, lump-free consistency.
9. Allow to settle for 10-15 minutes and briefly remix before use.

Cautions:

- TRADILIME will produce maximum performance and workability when adequate tools are used and mixing directions are carefully respected.
- In hot, windy conditions, moist-cure the brown coat at least 12 hours prior to application of finish.
- 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.

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.