

Description: Tradilime ST (Standard) is an advanced artisan plaster essentially composed of hydrated lime, mineral additives, and fine aggregates. It is ready for application after simple addition of water, resulting in long-lasting wall and façade mineral treatments. Tradilime is appreciated for its authentic look and feel of quarried stone. It may well substitute acrylic plasters surpassing performance requirements in esthetics and life cycle.

Composition:

- Lime binder: 70% (vol.)
- Natural admixtures: 2%
- Mineral aggregates: 72%
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- Aggregate size: 0 to 1.2 mm (16 mesh)

Advantages:

- Interior, exterior
- Impact, abrasion resistant
- Fade resistant
- Hydrophobic
- Mold resistant
- Water-vapor permeable

Packaging: Available in 44lb. (20kg) pails.

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

Coverage: The average coverage, when applied according to manufacturer's recommendations is 70-100 ft² per pail.

Technical Feature: Natural mineral finish plaster recommended from a green building point of view as it clearly shows good absorption and diffusion qualities. Compatible with mineral surfaces, Tradilime naturally fossilizes with the substrate, creating a long-lasting and protective mineral crust.

Physical Data:

- Dry Bulk Density: 1300 kg/m³
- pH: 12
- Dynamic elasticity: ≤ 6000 MPA
- Compressive Strength: 3.8 MPA
- Flexural Resistance: 1.5 MPA
- Water Retention: 95%
- Vapor Diffusion: 1.5 gr/m² H mmHg
- Impermeability: 100 g/m²/H05

Colors: Integral mineral color pigments are available to meet most design requirements.

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

Applications: The surface to be finished with Tradilime 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. Water-spray the substrate and let water evaporate.
2. Power-mix the dry material at slow speed for 1 to 2 minutes.
3. Add 1 gallon (4 liters) of clean water, with the mixer operating for about 3 minutes to obtain a creamy, consistent paste.
4. Allow to settle for 10-15 minutes.
5. Mix again, adding a controlled amount of water only if needed.
6. To apply mechanically, please consult our technical services.

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.

► Ensure the same ratio of water throughout all batches to prevent differences in textures and tones.