

**Description:** Tradilime SF (35 Mesh) is a traditional lime artisan plaster essentially composed of hydrated lime, natural hydraulic lime, and extra fine aggregates. It is appreciated for its smooth yet finely pitted texture and natural mottled effects truly emulating the texture of limestone.

**Composition:**

- Lime binder: 70% (vol.)
- Natural admixtures: 2%
- Mineral aggregates: 72%
- Mineral admixtures:  $\leq 7.5\%$  +/- 2

**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 ft<sup>2</sup> 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 Super Fine naturally fossilizes with the substrate, creating a long-lasting and protective mineral crust.

**Physical Data:**

- Dry Bulk Density: 1300 kg/m<sup>3</sup>
- pH: 12
- Dynamic elasticity:  $\leq 6000$  MPA
- Compressive Strength: 3.8 MPA
- Flexural Resistance: 1.5 MPA
- Water Retention: 95%
- Vapor Diffusion: 1.5 gr/m<sup>2</sup> H mmHg
- Impermeability: 100 g/m<sup>2</sup>/H05
- Sand Mesh: 400-35 (0 to 0.5 mm)

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

**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 SF 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. Moist cure the substrate and let water evaporate.
2. Power-mix the dry material at slow speed for 1 to 2 minutes.
3. Add 1 gallons (4 liters) of clean water, with the mixer operating for about 3 minutes to obtain a creamy and but dense, consistent paste.
4. Allow to settle for 15 minutes.
5. Mix again, adding a controlled amount of water only if needed.
6. Apply a first coat to produce complete coverage.
7. Let dry to touch so that fingers don't leave impressions on the surface.
8. Apply a second coat for texture depth and uniformity to a minimum total thickness of 1/8".
9. Finish to required effect:

- ▶ **Limestone:** Trowel lightly after moisture leaves surface.
- ▶ **Sandstone:** Soften the compacted surface with a moist/dry sponge.
- ▶ **Ashlar:** Rake joints to required depth
- ▶ **Antiqued:** Brush a patina (water + pigments) over firm surface and wipe lightly with dampen cloth.

**Cautions:**

- ▶ Tradilime SF 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 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.