

Description

MURALIME is a true Venetian plaster essentially composed of high-grade hydrated lime and very fine aggregates all factory-blended through rigorous manufacturing standards to ensure quality and predictable results. With simple addition of clean water, MURALIME may be trowel applied or brush applied as a lime paint or wash, depending on water ratio. The versatility allows for a wide spectrum of finishing techniques including stucco Grassello, fresco painting and Tadelakt (Moroccan inspired shower finish). Suitable for interior and exterior applications, MURALIME is appreciated for its mesmerizing mottling effects and natural reflective quality.

Performance

MURALIME shows good absorption and diffusion qualities, allowing walls to breathe and letting moisture to freely evaporate and ultimately preventing mildew growth. Free of toxic substance, MURALIME promotes clean indoor air quality.

Physical Data

- Bulk Dry Density: $\leq 0.75 \pm 0.05 \text{ kg/dm}^3$
- pH: 12
- Specific Gravity: 0.9
- Dynamic Elasticity: $\leq 3000 \text{ mPas}$
- Water Retention: 76.2
- Vapor Diffusion: $1.4 \text{ gr/m}^2 \text{ H mmHg}$
- Impermeability: $0.13 \text{ kg/m}^2/\text{H}05$
- Sand Mesh: 35 (0 to 0.5 mm)

Packaging

- 33 lb. (15kg) compostable sac.
- 2.2 lb. (1kg) compostable pouch.

Shelf Life

12 months when stored off the ground in normal conditions.

Coverage

- Venetian: 135 to 150 ft²
- Paint: 260 to 300 ft²
- Wash: 400 to 500 ft²

Substrate

The substrate must be clean, dry, and free of dust, frost, grease, oil and other substance that could weaken effecting bonding. An absorbing (porous) substrate shall be dampened before mixing.

Mixing

MURALIME mixes with 7.5 quarts of clean potable water per sac or 17 oz. per sample pouch. First, thoroughly blend the color pigment (if any) with a fraction of the mixing water. Mechanically mix MURALIME to a heavy viscosity. Then, allow the mixture to settle for 10 minutes. Re-mix (break the set) and adjust water quantity to the chosen application technique.

Applications

- Venetian (add 3/4 to 3 Qt.): Trowel apply a first tight coat over a cured or a green key coat (1/8" DECOLIME). Let dry to touch. Apply a second coat with moderate pressure. Total thickness should be 1/16". Once surface moisture has dissipated, compress and polish to desired effect.
- Paint (add 3 to 4.5 Qt): Brush 2 coats in a crisscross pattern and over a cured or a green key coat (1/8" DECOLIME). Let dry to touch and finish to desired effect.
- Wash (add 9 to 12 Qt): Brush 2 coats in a crisscross pattern over a cured or a green key coat (1/8" DECOLIME). Let dry to touch and finish to desired effect.

Cautions

- MURALIME will produce maximum performance and workability with adequate tools and when 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 consistency.
- At least one worker per scaffold level required for a simultaneous, uniform application.
- Colors may vary due to job site conditions and method application. A mock-up is highly recommended.
- Wear a particle mask and eye and hand protection when mixing.
- Ensure a consistent mixing ratio between batches and throughout the execution of the project.
- Temporary protection recommended at all time until adjacent work is completed.
- Dampen the base coat several hours prior and avoid excessive toweling.
- In warm & windy conditions, the base coat shall be saturated with water overnight and damped again before mixing MURALIME.
- Do not apply over soft substrates, oil, lacquer, vinyl coatings, water repellents, metals, plastics, and generally all thermo-sensitive materials.

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