

Description

Architectural lime plaster essentially composed of high-grade hydrated lime, specific hydraulic binders, and **slightly coarse** aggregates - all factory-blended through rigorous manufacturing standards to ensure dependable quality. Ready to mix with simple addition of clean water, UNILIME is suitable for interior and exterior applications. As a basecoat, mesh coat, or levelling coat, UNILIME provides sound substrates with a solid foundation. As a finish coat, it is appreciated for look and feel of the limestone and travertine textures.

Performance

UNILIME 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, UNILIME promotes clean indoor air quality.

Characteristics

Density (volumetric weight): < 1,45 kg/dm³
 Dynamic Elasticity: 12000 MPa
 Flexural Strength (28 days): > 2 MPa
 Compressive Strength (28 days): > 9 MPa
 Adherence: > 0.6 MPa
 PH: 11
 Sand Mesh: 20 (0 – 0.8 mm)

Packaging

- 55 lbs. (25kg) compostable sac.
- 5.5 lbs. (2.5 kg) compostable pouch.

Shelf Life

12 months when stored off ground in normal conditions.

Coverage

- Base / Finish Coat: 100 ft² per sac.
- Mesh Coat: 80 ft² per sac.

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

UNILIME mixes with 5 quarts of clean potable water per 55 lb. sac or 17 oz. per sample pouch. First, thoroughly blend the color pack (if any) with a fraction of the mixing water. Mechanically mix UNILIME to a heavy viscosity, adding water and powder in stages. After 10 minutes of setting time, remix (break the set) to a workable, lump-free viscosity.

Application (Limestone Finish)

Using a stainless-steel trowel, apply a base coat (1/8") with moderate pressure. Let dry to touch, sponge float, and let cure overnight or longer. Moisten the base before mixing the finish batch and let surface moisture dissipate. Apply the finish coat with moderate pressure, in 2 consecutive coats (min. 1/8"). Thereafter, firmly float with the edge of the blade to skim the cream and expose the pitted texture. Let dry to touch and plastic float with light pressure to knock down tool marks.

Cautions

- UNILIME will produce maximum performance and workability with adequate tools and mixing.
- 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 to ensure proper curing and color consistency.
- Wear particle mask, eye and hand protection when mixing.
- Ensure a consistent mixing ratio between batches throughout the project.
- Colors may vary due to conditions and methods of application. A mock-up is highly recommended for final approval by the owner(s).
- Do not apply over soft substrates, oil, lacquer, vinyl coatings, water repellents, metals, plastics, and generally all thermo-sensitive materials.
- In warm, windy, and dry conditions porous, absorbing substrates shall be saturated with water overnight and dampened again before mixing the material.
- At least one worker per scaffold level required for a simultaneous, uniform application

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