

## 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 racked 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/dm<sup>3</sup>  
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 (1/8"): 100 ft<sup>2</sup> per sac.
- ▶ Mesh / Levelling Coat (1/4"): 80 ft<sup>2</sup> 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 damped before mixing.

## Mixing

UNILIME mixes with 5 quarts of clean potable water per sac or 17 ounces per pouch. First, thoroughly blend the color pigment (if any) with some of the mixing water. Mechanically mix UNILIME to a heavy viscosity. Then, let set for 10 minutes. Remix (break the set) to a workable, lump-free viscosity before applying.

## Application

Using a stainless-steel trowel, apply a base coat (1/8") with moderate pressure, then sponge (sand) float and let cure at least 12 hours. Moist cure before applying the finish coat. Apply the finish coat with firm pressure in two back-to-back passes. While the final coat is firm, yet green, skim the cream with the edge of the blade to reveal the desired textured, pitted finish. Let dry to touch and float the finish with light pressure and preferably using a plastic trowel, knocking 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 at all times to ensure color consistency. direct sunlight, wind, and rain.
- ▶ 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 damped again before mixing the material.
- ▶ At least one worker per scaffold level required for a simultaneous, uniform application