

Description:

PRIMA LITE is a sustainable stucco base composed of hydrated lime, a pozzolan binder, and proprietary components all factory-blended and designed to protect straw bale and other similar constructions after simple addition of specified sand and water. PRIMA LITE is also suitable for the masonry and repair of natural stones – especially adapted in the restoration of historical monuments.

Performance:

Density (volumetric weight): 0.6 kg.
Flexural Strength (7 days): 0.53 N / mm²
Flexural Strength (28 days): 1.20 N / mm²
Compressive Strength (7 days): 0.76 N / mm²
Compressive Strength (28 days): 2.50 N / mm²

Packaging: 44 lbs. (20kg) bags.

Shelf Life: 12 months off- ground in dry storage.

Coverage: Depending on substrate condition, thickness of application, and sand ratio, approximate coverage is 7 to 10 square yards per bag at 3/8 inches (9.5 mm) thick.

Mixing:

▶ Scratch Coat (3/8"): 1 part PRIMA LITE to 2 to 2.5 parts sand or 16 to 18.5 gallons of sand per bag

▶ Brown Coat (3/8"): 1 part PRIMA LITE to 2.5 to 3 parts sand or 18.5 to 24 gallons of sand per bag.

Surface Preparation:

▶ The surface must show sufficient suction to provide a proper mechanical bond. . The damping down should be carried out caution.

Over saturation of the substrate may weaken adherence of the plaster. Poor curing will result in excessive suction that may cause plaster to crack and delaminate.

- ▶ Moist-curing of the substrate should continue right up to the application of plaster.
- ▶ Substrate must be sound, clean, dry, and free of residue, frost and ice.

Aggregates: Sand forms the void structure of the plaster, contributing to an adequate vapor exchange, thus naturally regulating the accumulation of condensation in the wall. Sharp, washed, dried plaster or masonry sand made with multiple grades is preferred. High content of fines may affect setting time, shrinkage, and overall performance of the plaster.

Application:

- ▶ Hand or machine applied to at least 3/8 inches (9.5 mm) thick per coat.
- ▶ Provide adequate keying between the substrate and each subsequent coat with a diamond pattern throughout the field.
- ▶ Allow each scratch and brown coat to cure 10 days using protection over the scaffold in order to prevent direct sun and wind exposure leading to excessive loss of moisture.

Cautions:

- ▶ PRIMA LITE will produce maximum performance and workability when adequate tools are used and mixing directions are carefully respected
- ▶ Working Temperatures must not exceed 95° F and be above 40°F.
- ▶ Protect from direct sunlight, wind, and rain.
- ▶ Wear particle mask, eye and hand protection when mixing.
- ▶ Ensure a consistent mixing ratio between batches and throughout the execution of the project.