

Description:

PRIMA is a sustainable stucco base composed of hydrated lime, a pozzolan binder, and proprietary components. PRIMA is installed over metal lath, masonry, and concrete after simple addition of water and specified sand.

Performance:

Density (volumetric weight): 0.6 kg.
Flexural Strength (7 days): 1.2 N / mm²
Flexural Strength (28 days): 2.4 N / mm²
Compressive Strength (7 days): 3.45 N / mm²
Compressive Strength (28 days): 7.7 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 to 2 to 2.5 parts sand or 16 to 18.5 gallons of sand per bag
- ▶ Brown Coat (3/8"): 1 part PRIMA 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 and roughness to provide a proper mechanical bond.
- ▶ Concrete and masonry substrate must be clean, dry, and free of residue, frost and ice.
- ▶ Saturate concrete and masonry substrates with water the day before the scheduled installation.

▶ Lath work shall be completed according to ASTM C 1063. Wood sheathing is typically protected by 2 layers of 60 Minute building paper or equal.

▶ Prepare all substrates as for Portland cement stucco.

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-applied or machine applied to at least 3/8 inches (9.5 mm) thick.
- ▶ Moist-cure concrete and masonry substrates as needed before the application.
- ▶ Level the surface following the application. Horizontally scratch the first coat to create a key for the following coat.
- ▶ Allow to cure 10 days before applying a subsequent coat.

Cautions:

- ▶ PRIMA 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.