

Description

Architectural lime plaster essentially composed of high-grade hydrated lime, specific hydraulic binders, and fine aggregates - all factory-blended through rigorous manufacturing standards to ensure dependable quality. Ready to mix with the simple addition of clean water, DECOLIME is suitable for interior and exterior applications. When used as a basecoat, DECOLIME provides an adequate substrate to all ecostucco® finishes. As a finish coat, DECOLIME protects buildings with timeless elegance and whenever the appearance of a smooth, velvety, matte finish is preferred.

Performance

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

Physical Data

Density (volumetric weight): $\leq 1,65 \text{ kg/dm}^3$

Dynamic Elasticity: 6500 MPa

Flexural Strength (28 days): $> 4 \text{ MPa}$

Compressive Strength (28 days): $> 7 \text{ MPa}$

Adherence: $> 0.6 \text{ MPa}$

PH: 12

Sand: 35/500 (0 – 0.1 mm)

Packaging

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

Shelf Life

12 months when stored off the ground and in normal conditions and original packaging.

Substrate

The substrate must be clean, free of dust, frost, grease, oil and other substance that could weaken effecting bonding. A porous substrate shall be moist cured before mixing. In warm, windy, and dry conditions, porous substrates shall be saturated with water overnight and damped again before mixing.

Mixing

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

Application

Using a stainless-steel trowel, apply the first coat with moderate pressure. Allow surface moisture to dissipate. Apply a second coat in a similar fashion by avoiding long strokes. Allow surface moisture to dissipate. Using a stainless steel or a plastic trowel, compress to achieve a smooth finish to desired effect.

Coverage

- Base Coat = 150 ft² – Finish Coat = 100 ft²

Cautions

- DECOLIME will produce maximum performance and workability when adequate tools are utilized and mixing directions are followed.
- 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 protect from direct sunlight, wind, and rain.
- Wear a 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.
- Do not apply over soft substrates, oil, lacquer, vinyl coatings, water repellents, metals, plastics, and generally all thermo-sensitive materials.

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