

**Description:** DECOLIME is a natural lime plaster essentially composed of hydrated lime, specific hydraulic binders, and fine aggregates - all factory-pre-mixed and ready to mix with simple addition of water. It may be hand-troweled or machine applied over interior and exterior substrates, new or in need of renovation. DECOLIME is an ideal alternative to achieve hard-trowel, matte, smooth finishes while minimizing risks of cracking. It is greatly appreciated for its workability and resistance to impacts, abrasion, and thermal shocks.

### Advantages:

- Interior & exterior
- Water vapor permeable
- Healthy (VOC free)
- Mildew & mold resistant
- Low maintenance
- Color fade-resistant
- Impact & abrasion resistant

**Packaging:** 55lb. (25kg) bags or 5.5lb (2.5kg) box

**Storage:** Approximately 12 months when stored under cool, dry conditions in the original package.

**Coverage:** The average coverage per pail is 1.7 kg/ m<sup>2</sup> per mm of thickness. On average a bag will yield approximately 90 ft<sup>2</sup>, depending on method application.

### Physical Data:

Bulk Dry Density: ≤ 1,65 kg/dm<sup>3</sup>

PH: 12

Dynamic Elasticity: 6500 MPa

Flexural Strength (28 days): > 2 MPa

Adherence: : > 0.6 MPa

Mesh Sand: 35/500 (0 – 0.5 mm)

**Preparation:** The substrate must be clean, dry, and free of dust, frost, grease, oil and other substance that could weaken effecting bonding. At least one worker per scaffold level required for simultaneous, uniform working. In time of warm, windy, or dry days, the substrate shall be damped a few hours before the application. In case of very absorbing surfaces, it is recommended that the substrate be saturated with water a day before the application.

**Adherence Testing:** To evaluate the adherence of a painted substrate, apply DECOLIME over a 3 x 3 ft<sup>2</sup> area and embed a fiber glass mesh exposing a 12" flange at the base. After 8 days of curing time, roll the bottom flange around a broom stick and evenly pull out the mesh. If the initial coating separates from the substrate, then removal of the existing coating must be addressed.

### Mixing Procedure:

1. DECOLIME is mixed with 5 Qt. (5 liters) of clean water per 55 lb. bag or 17 oz. (500 ml) per 5.5 lb. box.
2. Use a power drill equipped with a mixing paddle or a self-contained mechanical mixer.
3. Pour in about half of the water content into a mixing bucket
4. Discharge about half of a bag of DECOLIME and mix to heavy viscosity.
5. Add color pigments (preferably pre-mixed in the mixing water).
6. Add the remaining water and discharge the rest of the bag.
7. Continue mixing to a smooth, lump-free consistency.
8. Allow to settle for 10-15 minutes.
9. Re-mix (break the set) before use.

**Application:** DECOLIME may be used as a base coat and/or a finish coat. A three-coat process involves two consecutive coats over a cured base coat to achieve a smooth finish. A back-to-back, two-coat process will consist of a "tight scratch coat" to provide the foundation for a textured finish.

### Cautions:

► DECOLIME will produce maximum performance and workability when adequate tools are used and mixing directions are carefully respected.

► 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 and texture consistency.

► Colors may vary due to conditions and method application. A mock-up is highly recommended before final approval.

► Wear particle mask, eye and hand protection when mixing.

► Ensure a consistent mixing ratio between batches and throughout the execution of the project.

► Do not apply over soft substrates, oil, lacquer, vinyl coatings, water repellents, metals, plastics, and generally all thermo-sensitive materials.