



ecologic[®] PLASTER

TOPCOAT[™] PLATINUM^{*} Coarse (G)

Building and Repointing Mortar Ideal for Interior Lime Plaster and Exterior Stucco For Professional Masonry Restoration and Sustainable Building Systems

ENVIRONMENTAL REQUIREMENTS

Handle and store bags to protect from damage and moisture. Take precautionary measures to assure that excessive temperature changes do not occur. Do not apply unless a minimum ambient temperature of 40°F and a maximum of 85°F can be maintained for at least 24 hours prior to application and until the work has cured for 18 hours. During hot weather, protect from uneven and excessive evaporation. As needed, place a humidifier in the room during curing. Cover exterior work by suspending burlap or jute a few inches away to prevent contact and avoid staining. Wet the work and coverings several times a day for a 3-day curing period to encourage a slow cure. Tarps may be hung outside of scaffolding to protect from hot sun, driving rain, and drying winds.

GENERAL APPLICATION

To control suction, mist the substrate or previous lime coat with clean water. Apply the fresh plaster before dampening is fully dry. Never apply to surfaces that are over saturated or have standing water. Use as a scratch, brown, or finish coat for interior plaster or exterior stucco. If a substrate is smooth and offers no mechanical keys, apply over a transitional coat of cured Ecologic[™] TAKCOAT[™] Platinum. Tape off any areas not to be plastered such as moldings or trim. Use drop cloths to prevent possible staining on floors. Holding a trowel at a 15° to 30° angle, start at the bottom and work upward. Begin at one end of the wall and continue to the other end, working each trowel full outward from the wet edge. Apply in a uniform thickness of 3/16" to 1/2" to control cracking. Do not over work the material. Use a stainless steel plastering trowel so no black burn marks are left behind. Wait a minimum of 4 days between stucco coats under 1/2" thick. For straw bale substrates, double the wait time for 1" thick coats. Within 24 hours of application, rub closed any cracks that may form. Also suitable for laying and repointing brick and stone.

MIXING

Using a drill mixer with a paddle attachment, start by combining 1 gallon of clean, potable water with a 50-pound bag of the dry powder. Mix well for 3 to 5 minutes while slowly adding more water until the desired workability for troweling is achieved. Keep the water ratio uniform between batches to ensure consistency in material performance and appearance. To further reduce potential mold growth in damp or humid environments, add 1/3 cup of Borax per gallon of mixing water. Only use LimeWorks.us additives or Ecologic[™] Color Packs to change color or modify material properties.

WORKING TIME

Mix with water and use immediately. Once applied, the working time ranges from 2 to 3 hours, depending on substrate suction, and may be reworked up to 24 hours. Brick and stone can be laid-up on consecutive days with no delay.

CURE TIME

Wet the work and breathable fabric covers several times a day during a 3-day curing period. The initial cure is 72 hours. The full cure takes 28 days.

AVERAGE COVERAGE (50 POUND BAG)

Plaster Base Coat, Internal Parging, or Exterior Stucco: 10 1/2 -square-feet at 3/8" thickness.
Brick Repointing: 60-square-feet at 3/8" wide and 3/4" deep joints.
Standard Brick Repointing: 150-lineal-feet at 3/8" wide and 3/4" deep joints.
Rubble Stone Repointing: 23-square-feet at 1" wide and 1 1/4" deep joints.
Volume: 1/2 -cubic-feet when used as a lime repointing mortar or lime grout.

SUITABLE SUBSTRATES

Apply over prewetted, stable substrates including Ecologic[™] TAKCOAT[™] Platinum, non-rusting lath, brick, stone, block, straw bale, hempcrete, or non-oily vertical concrete.

SHELF LIFE

24 months if kept sealed and stored in a cool dry place and away from moisture.

SAFETY

May cause eye and skin burns. In case of contact with skin or eyes, flush with water for 15 minutes and contact a physician. Dust inhalation may cause coughing, sneezing, irritation, and inflammation of the upper respiratory tract. Wear protective clothing, including goggles and a dust mask, to avoid prolonged contact. Harmful if swallowed.

DISPOSAL

Sweep and place bulk material in containers and properly remove for disposal. Cured product is not hazardous. Dispose of in a landfill following local, state, and federal regulations.

FOR ADDITIONAL INFORMATION

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50 lb (22.67 kg)

WARNING Exposure to very high air concentrations of free silica can cause an acute form of silicosis that may occur within one year after exposure begins. This condition may be fatal.

limeworks.us/wp-content/uploads/2019/11/ecologic-topcoat-safety-data-sheet.pdf

