



ecologic[®] PLASTER

TOPCOAT[™] PLATINUM^{*} XF Interior

Xtra Fine-Sanded Grade Interior Lime Plaster Finish Coat
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.

GENERAL APPLICATION

The application surface must be clean and free from dust, oils, and loose flaking paint or other unstable coatings. Only place over a previously installed lime plaster substrate. For a 2-coat interior plaster system, apply over perfectly flattened and cured Ecologic[™] TAKCOAT[™] Platinum. For a 3-coat system, apply over successive coats of perfectly flattened and cured Ecologic[™] Mortar or Ecologic[™] TOPCOAT[™] Platinum Fine (F) or Coarse (G). Tape off any areas not to be plastered such as moldings or trim. Use drop cloths to prevent possible staining on floors. To control suction, prewet porous surfaces then apply plaster before dampening is fully dry. Never apply to surfaces that are over saturated or have standing water. 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 1/32" to 1/16" to control cracking. Do not over work the material. Use a stainless steel plastering trowel so no black burn marks are left behind. Within 24 hours of application, rub closed any cracks that may form.

To create a water resistant Tadelakt-style finish (for shower areas and decorative wall treatments), apply 3 to 4 coats without letting the material dry and simply doubling-back material on top of itself. This will allow enough depth of material to burnish it with a lightly sprayed on solution of 30% hemp soap in 70% warm water. The soapy water is applied just before the material hardens on the day it's installed.

MIXING

Using a drill mixer with a paddle attachment, start by combining 1 1/2 gallons of clean, potable water with a 50-pound bag of the dry powder. Mix well for 3 to 5 minutes until a pudding consistency is achieved for troweling. Adjust final water content carefully for desired workability. 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. 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 6 to 8 hours depending on substrate suction. Mixed material can stand overnight in a sealed pail and be knocked up the next morning for use with no additional tempering water. To speed the set, incorporate Ecologic[™] Plaster of Paris (Fast or Medium Set) as a gauging additive. See the online data sheets for suggested measurements.

CURE TIME

Mist work once during an 18 hour period if it's drying out too quickly. The full cure is 72 hours. Wait at least one week before applying a decorative, breathable mineral paint.

AVERAGE COVERAGE (50 POUND BAG)

Interior Plaster Finish Coat: 100 to 120-square-feet based on thickness.
Volume: 1/3 -cubic-feet when used as a lime injection grout.

SUITABLE SUBSTRATES

As a general rule, a previous lime plaster base coat is the only acceptable substrate.

SHELF LIFE

8 to 12 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

