



# ecologic<sup>®</sup> PLASTER

# TAKCOAT<sup>™</sup> PLATINUM\*

Interior and Exterior Self-Adhering Lime Plaster Base 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. 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

Surfaces must be clean and free from dust, oils, and loose flaking paint or other unstable coatings. It's not necessary to pre-dampen when installing over drywall or non-absorptive substrates. To control suction on porous surfaces, mist the substrate with clean water. Apply Ecologic<sup>™</sup> TAKCOAT<sup>™</sup> Platinum before dampening is fully dry. Never apply to surfaces that are over saturated or have standing water. 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, applying in a uniform thickness of 1/32" to 1/4" while working each trowel full outward from the wet edge. Do not over work the material. Wait about 1 hour after application, then use a small putty knife to fill slight voids. For a one-coat finish, lightly mist the work 1 to 2 hours after it initially stiffens. Remove trowel marks with a flexible steel or plastic stucco trowel. Use a damp stucco sponge and gently rub, in a swirling motion, to knock down trowel marks and achieve a flat, even finish.

### MIXING

Using a drill mixer with a paddle attachment, start by combining about 1/2 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 mixture is the consistency of thin pancake batter and workable for troweling. Keep water ratios 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<sup>™</sup> Color Packs to change color or modify material properties.

### WORKING TIME

Mix with water and use immediately. The working time ranges from 1 to 2 hours. Discard any unused mixed material that has been sitting longer than 8 hours.

### CURE TIME

If very dry conditions are present, mist the work once with clean water during the initial 18-hour curing period.

### AVERAGE COVERAGE (50 POUND BAG)

Approximately 140-square-feet at 1/16" thickness.

### SUITABLE SUBSTRATES

Apply over most rigid substrates including wallboard, Durock<sup>®</sup> Cement Board, Magnesium Oxide Board, WonderBoard<sup>®</sup>, DensGlass<sup>®</sup> Sheathing, Foamglas<sup>®</sup>, Faswall<sup>®</sup>, ICF Block, stable masonry, hempcrete, non-oily vertical concrete, and stable pre-painted surfaces. Not suitable over any flexible plastic or paneling-type of non-masonry 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. The final, cured product is not hazardous. Dispose of in a landfill following all local, state, and federal regulations.

### FOR ADDITIONAL INFORMATION

3145 State Road, Telford, PA 18969 • 215-536-6706 • admin@limeworks.us

# 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/Takcoat-SDS.pdf](http://limeworks.us/wp-content/uploads/Takcoat-SDS.pdf)

