

deGruchy's

LIME



WORKS.us

Makers of



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## Ecologic™ TAKCOAT™ Platinum

TAKCOAT Platinum™ is a specially formulated lime plaster base coat designed to be installed on sound interior/exterior applications without the need for first priming a wall with any sanded or acrylic 'weld' primer or lath to create a permanent bond. Once the breathable TAKCOAT™ Platinum is cured for at least 18 hours it can be painted for interior applications with regular breathable latex or lime/mineral paints. Interior applications may receive Ecologic™ Plaster TOPCOAT™ placed over the cured TAKCOAT™ Platinum in any grade in order to create various "Venetian-style" finishes including any coarse "sanded finishes." Exterior applications of TAKCOAT™ Platinum should minimally receive lime/mineral paint or Coarse Ecologic™ Plaster Topcoat finished in any style as a shelter coat to wear over time. TAKCOAT™ Platinum consists of Hydraulic Lime, Recycled Glass aggregates and NO VOC additives. TAKCOAT™ Platinum is neutral white dry powdered plaster which is supplied in 50 lb units to which the mixing water is added on the job site.

### **Benefits**

The unique qualities of TAKCOAT™ Platinum allows it to be troweled at pudding-like consistency over any sound interior/exterior walls and flattened out. TAKCOAT™ Platinum reduces the time and labor associated with primer applications and provides the first coat in a two or more coat lime plaster/stucco system.

Suitable substrates include:

- New Drywall finished to level III or greater
- Old, soundly painted Drywall
- Magnesium Board, (MGO)
- Dense-glass®
- Soundly painted masonry

- Polished stone free of oils and waxes
- Rigid metal (Rust will compromise service)

Suitable Topcoats:

- Ecologic™ Mortar (G or F) and Ecologic™ Plaster TOPCOAT™ in Coarse, Fine, and Xtra-Fine
- No treatments over TAKCOAT™ Platinum used in interior applications only.
- Lime Paints (both interior and exterior applications)
- Polished Ecologic™ Plaster Topcoat using LimeWorks.us provided Black Soap or Waxes
- Mineral paints (both interior and exterior applications)
- Breathable Latex paints

### **Mixing**

TAKCOAT™ Platinum should be mechanically mixed using a drill mixer with a paddle attachment. Approximately 1.25 gallon of water is added per 50 lb unit. Mix well for 3-5 minutes. Adjust final water content carefully to a workable consistency. TAKCOAT™ Platinum is of the right consistency when it is as thick as pudding for troweling. 1/3 cup of Borax may be added per a gallon of mixing water to defend against the potential of mold in damp or humid environments.

### **General Application**

The application surface must be clean, free from dust, oils and loose, flaking paint or other unstable coatings. Be sure to tape off any areas not to be plastered such as moldings or trim. Use drop cloths to prevent any possible staining on floors. On porous surfaces, ensure that pre-wetting the surface to control suction is done first then, apply TAKCOAT™

Platinum before dampening is fully dry. Never apply to surfaces that are over saturated or have standing water. The proper thickness is 1/32" – 1/4".

### **Application**

The proper size trowel to use during application is based upon the experience of the applicator. A standard stainless steel stucco trowel with rounded corners is recommended for initial application. Start applying TAKCOAT™ Platinum to the substrate from the bottom up at 15-30 degree angle. Start at one end of a wall and continuing to other end of the wall, working each trowel full outward from the wet edge. Be careful to not over work the material. Return with a small putty knife to fill small voids in about 1 hour after initial application if needed.

### **One-coat Finish**

When a one-coat finish is desired it can be accomplished by lightly misting the work approximately 1 to 2 hours after the mix initially stiffens. Remove trowel marks with a flexible steel or plastic stucco trowel. TAKCOAT™ Platinum can also receive a flat finish by gently rubbing a stucco sponge, in a swirling motion, to knock down trowel marks and even out the surface.

### **Environmental Requirements**

Materials must be stored and handled to protect them from damage and moisture in accordance with Manufacturer's instructions. It is recommended to take precautionary measures necessary to assure that excessive temperature changes do not occur. Do not apply TAKCOAT™ Platinum unless minimum ambient temperature of 40°F (4°C) and a maximum of 85°F (29°C) continues to be maintained for a minimum of 24 hours prior to the application and until TAKCOAT™ Platinum has cured for 24 hours at this temperature range. No heavy rain should occur during application and curing time. During hot weather protect from an uneven and excessive evaporation during the dry, hot weather. It is suggested to provide a humidifier in the room during curing.

### **Technical Data**

#### **Working time:**

1-2 hours once mixed with water. Any material that has been mixed with water and let to sit over 12 hours should be discarded.

#### **Cure time:**

TAKCOAT™ Platinum should be misted once after a 24 hour cure time.

#### **Average coverage:**

About 140 square feet at 1/8" thickness per 50 lb unit.

#### **Shelf life:**

8-12 months if kept sealed and away from moisture.

#### **Unsuitable substrates:**

As a general rule, any flexible substrate is unsuited as a base for TAKCOAT™ Platinum.

#### **Safety:**

Wear adequate protective clothing to avoid prolonged contact with the mortar. To avoid dust contact with eyes and possible inhalation wear glasses and the appropriate dusk mask especially in areas not properly ventilated.

#### **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 in accordance with all local, state and federal regulations.

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### **Contact**

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