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## Ecologic™ PLASTER TOPCOAT™ *Platinum\** Xtra Fine-sanded Grade (XF) Interior

**Ecologic™ PLASTER TOPCOAT™ *Platinum*, Xtra Fine-sanded Grade (XF) Interior** is a prepared blend of binder and aggregates to which you just add water, mix and go to work installing an interior lime plaster finish coat. Use it on historic buildings or new buildings. Ecologic™ PLASTER TOPCOAT *Platinum*, Xtra Fine-sanded Grade (XF) is a final finish coat of internal lime plaster and is an environmentally friendly product free of all damaging Portland Cement, potentially poisonous Ground Granulated Blast Furnace Slag (GGBS), Fly ash or expanding gypsum sometimes found in substandard synthetic Hydraulic Lime and gypsum plaster that is on the market. Ecologic™ PLASTER TOPCOAT *Platinum*, Xtra Fine-sanded Grade (XF) Interior gives an ancient "Old World" Extra Fine lime plaster finish which is both durable and healthy to live with. **Exterior** applications requiring Xtra Fine-sanded PLASTER TOPCOAT can be **custom blended**.

**ONLY USE LIMESWORKS.US ADDITIVES OR COLOR PACKS TO CHANGE COLOR OR MODIFY MATERIAL PROPERTIES.**

### Benefits:

Made in America! At LimeWorks.us the term *\*Platinum* means that only 10% of all ingredients and/or labor is allowed to be sourced outside of the United States to manufacture the product. A pre-blended material with aggregates already added secures high quality control for achieving the final properties of the mix design and reduces the temptation to add White Portland cement or other additives to create a durable and traditional interior finish lime plaster. Ecologic™ PLASTER TOPCOAT *Platinum*, Xtra Fine-sanded Grade (XF) Interior also maintains a high vapor permeability. This is required for

maintaining optimal breathability in the whole Ecologic™ PLASTER SYSTEM when used over Ecologic™ Base Coats first installed which consist of any appropriate combination of Takcoat Platinum, Coarse- sanded Grade (G) or Fine-sanded Grade (F) Plaster to prepare the surface in order to receive the Ecologic™ PLASTER TOPCOAT *Platinum*, Xtra Fine-sanded Grade (XF) Interior as the final finish.

### Eco-friendly Characteristics:

- High vapor exchange qualities
- 90% less carbon emissions from our Hydraulic lime binder than a Portland cement alternative for a lower carbon footprint
- Re-absorption of CO<sub>2</sub> in curing
- Naturally resists biological growth
- Accommodates slight building movement

### General Application:

Obtain a high-torque industrial electric drill and a rigid paddle attachment and a plastic five-gallon pail or use a mason's paddle-style mortar mixer. Mist the substrate or any previous lime application with clean water immediately before a new application but only as a slight dampening to control absorption. No standing water should remain before installing a new application. If substrate is retaining inordinate amounts of moisture due to rising damp, bad flashing or moisture from a chimney cavity, this must be corrected before new work begins. ASTM has reports on normal absorption rates for most building materials not explicitly covered by individual manufacturers.

### Suitable Surfaces to Install this Finish Plaster:

**Substrates that The Ecologic™ PLASTER TOPCOAT *Platinum*, Xtra Fine-sanded Grade (XF)**

**Interior is used appropriately on to create an extra smooth internal lime plaster finish includes:** **1. Over top of a flattened-out cured Ecologic™ PLASTER TOPCOAT *Platinum*, Fine-sanded Grade (F)** which was used as a first coat or as a second coat over **Takcoat Platinum or over Ecologic™ PLASTER TOPCOAT *Platinum*, Coarse-sanded Grade (G)** which was the material used as a base coat in a three coat plaster system. This finish material must go on in a consistent thickness on a perfectly flattened substrate in a uniform thickness of 1/16" or less in order to control cracking. It must be installed using a high grade stainless steel trowel to avoid black burn marks in the finish. **2. Over top of a flattened-out base coat of cured Ecologic™ PLASTER TAKCOAT *Platinum*** which was first used because the initial substrate was too smooth or painted and offered no mechanical keys which required the self-adhering Takcoat Platinum to be used as the first coat. **3. Over top of the base coat of Cured Ecologic™ PLASTER TOPCOAT *Platinum*, Coarse-sanded Grade (G)** which was first placed directly over porous and stable raw masonry, or over non-rusting lath for framed walls and flattened-out or used as the base and leveling "brown coat" and flattened-out for a three coat plaster/stucco system.

### **Mixing:**

Ecologic™ PLASTER TOPCOAT *Platinum*, Xtra Fine-sanded Grade (XF) Interior must be mixed for three minutes with only clean, potable water. Start with One gallon of water per bag and slowly add more water only until the mix contains the minimum amount of mixing water to become workable. Keep water ratios consistent between batches to ensure consistency in material performance and appearance. Judge workability only after three minutes of continuous mixing. 1/3 cup of Borax may be added per a gallon of mixing water to more greatly defend against potential of mold in damp or humid environments. Within 24 hours of application rub closed any cracks that form. Do not apply at temperatures below 40°F (4°C) or above 85°F (29°C). It is suggested to provide a humidifier in any hot/dry interior space during the curing period.

### **Painting over TOPCOAT™ Platinum**

Ecologic™ TOPCOAT™ Platinum should be allowed to cure for 3-5 days and appear evenly dry before priming with Ecologic™ Waterglass. Allow Ecologic™ Waterglass to cure for two days before finishing with either Ecologic™ Colorwash Stain or Ecologic™ Po-

tassium Silicate Paint or Ecologic™ LimeWash Platinum. If planning to paint cured TOPCOAT™ Platinum with a linseed oil paint, latex, acrylic or emulsion-based paints wait 28 days for the Ecologic™ TOPCOAT™ Platinum to fully carbonate. Lesser breathable coatings will inhibit the plaster's ability to reach full carbonation as each type of a lesser breathable coating begins to reduce vapor escape as opposed to using a more compatible and recommended Ecologic™ mineral-based coating.

### **Storage:**

Materials must be stored and handled to protect them from damage and moisture in accordance with Manufacturer's instructions. Shelf life is 24 months if kept sealed and away from moisture.

**Disposal:** Sweep bulk material into containers and dispose of in a landfill in accordance with all local, state and federal regulations. The cured product is non-hazardous.

**Working Time:** 2-3 hours or longer based on good pre-damping of the substrate.

**Cure time:** 72 hour initial cure – 28 day full cure

**Bag Weight:** 50 lbs

### **Average Coverage:**

**Plaster final coat using Ecologic™ PLASTER TOPCOAT *Platinum Xtra Fine-sanded Grade (XF)***  
**Stucco/Plaster is 140 sq ft @ 1/16 of an inch per bag**

**(It can be spray delivered and then hand finished using a stainless steel trowel- See QR Code on bag)**

### **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.

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