



## Protective Clear Top Coat

# TEX•COTE® CLEAR-SEAL™

### DESCRIPTION

**CLEAR-SEAL™** is a water-based, 100% acrylic, penetrating sealer designed to produce a clear surface film. It is manufactured from non-yellowing, advanced acrylic resins to form a durable finish that provides long-term water-repellency, increased dirt pick-up resistance and weather protection. Available in Satin finish only. When a clear semi-gloss finish or enhanced chemical resistance is desired, TEXCOTE's CLEAR-GARD two component urethane product is recommended.

**CLEAR-SEAL™**'s low viscosity allows it to penetrate and lock into the substrate. The thin film allows moisture vapor to escape from the building interior, yet provides excellent damp proofing characteristics on the exterior. The appearance will remain uniform, eliminating any blotchiness from water staining, even after years of service.

**CLEAR-SEAL™** is intended for low traffic areas with minimal chemical exposure. For high traffic, vehicular traffic and moderate chemical exposures consider using Tex Cote® **CLEAR-GARD™**.

### FEATURES

**CLEAR-SEAL™** imparts a slick, film over a variety of substrates, providing for increased dirt pick-up resistance and easier cleaning even allowing improved graffiti removal. It can be used as a top-coat over numerous types of new or existing finishes on roofs, walls and decks to provide additional sheen and/or ease of cleanability.

**CLEAR-SEAL™** will seal the substrate to help facilitate soil removal. **CLEAR-SEAL™** protects the substrate against atmospheric deterioration with a clear film that provides water-repellency and surface sheen without significantly altering the natural color or texture of the substrate. **CLEAR-SEAL™** also shows superior blush resistance meaning film will not become cloudy or white when exposed to moisture. It is always recommended that a sample test area be applied, and approval be obtained, prior to any large scale application. **CLEAR-SEAL™** may produce a "wet look" appearance and enhance natural color of the particular concrete or masonry surface being sealed. Resulting in a darkened appearance, as if wetted. Test area should be applied on an inconspicuous

area to determine the optimum coverage rate to achieve uniformity of sheen, as well as to determine the suitability of the application technique.

### BENEFITS

- Increases dirt pick-up resistance
- Facilitates cleanability
- Protects against industrial airborne chemicals
- Reduces soil and fume absorption
- Minimizes run-down discoloration
- Non-yellowing
- Prevents moisture staining of surfaces
- Excellent ultraviolet resistance
- Conforms to most VOC regulations
- Reduces spalling and deterioration
- Single package – No shelf or pot life problems
- Water-Based – No flammable solvents
- Long term durability

### RECOMMENDED OVER

Uncoated interior and exterior surfaces including concrete, brick, masonry, CMU, stucco, roof tiles, concrete pavers and other surfaces as approved by TEXCOTE. Existing coatings including COOLWALL, COOL-TEC, and many other water and solvent based coatings as approved by TEXCOTE.

### APPLICATION

**CLEAR-SEAL™** can be applied by brush, roller or low pressure spray with tip sizes ranging between .013 to .017. Airless high pressure spray is not recommended due to high atomization of the low viscosity product resulting in high over spray losses. Desired application rate is 400-600 square feet per gallon. Multiple coats are possible to achieve the desired surface effects. Additional coats must be applied within 48 hours of previous coats to guarantee inter-coat adhesion.

**TECHNICAL DATA**

**PHYSICAL PROPERTIES**

<b>Solids by Weight</b>	26% (±.5)
<b>Solids by Volume</b>	24% (±.5)
<b>Weight per Gallon</b>	8.5 lbs (3.9 kg) (±.2)
<b>Dry Time to Touch</b>	1 HOUR @ 75°F (24°C), 50% R.H.

**PERFORMANCE PROPERTIES**

(Properties on concrete unless otherwise indicated)

Film Clarity \_\_\_\_\_ Clear  
 Tack-Free Time at 25°C \_\_\_\_\_ ~40 min. (on glass)  
 Cured Time 25°C \_\_\_\_\_ 3 Hour  
 Adhesion \_\_\_\_\_ Pass Wet/Dry

Stain Resistance (One Hour Exposure)

Ketchup \_\_\_\_\_ Excellent (no effect)  
 Mustard \_\_\_\_\_ Excellent (no effect)  
 "Kool-Aid" \_\_\_\_\_ Excellent (no effect)  
 Grape Juice \_\_\_\_\_ Excellent (no effect)  
 Coffee \_\_\_\_\_ Excellent (no effect)  
 Chocolate Syrup \_\_\_\_\_ Excellent (no effect)  
 Tincture of Iodine \_\_\_\_\_ Poor  
 Coal Tar \_\_\_\_\_ Poor

Chemical Resistance

(One Hour Exposure with no Evaporation)

Used Motor Oil \_\_\_\_\_ Excellent (no effect)  
 DI Water \_\_\_\_\_ Excellent (no effect)  
 10% Sodium Hydroxide \_\_\_\_\_ Excellent (no effect)  
 10% Sodium Chloride \_\_\_\_\_ Excellent (no effect)  
 10% Calcium Chloride \_\_\_\_\_ Excellent (no effect)  
 3% Trisodium Phosphate \_\_\_\_\_ Excellent (no effect)  
 10% Ammonia \_\_\_\_\_ Excellent (no effect)  
 10% Hydrochloric Acid \_\_\_\_\_ Fair  
 Brake Fluid \_\_\_\_\_ Poor  
 100 proof alcohol \_\_\_\_\_ Poor  
 Gasoline \_\_\_\_\_ Poor  
 Skydrol \_\_\_\_\_ Poor

Water Blushing Resistance on Black \_\_\_\_\_ Clear when wet  
 with Pigmented Concrete aged 6 months -----no visual  
 defects

Four hour exposure.

Weathering (ASTM D4587) \_\_\_\_\_ Pass 1000 hours  
 Yellowing (ASTM E313) \_\_\_\_\_ None @ 1000 Hours QUV

**ORDER INFORMATION**

- Available in 1 and 5 gallon containers.
- Desired coverage rate for CLEAR-SEAL™ will be between 400-600 square feet per gallon.
- Do not thin.

- Shelf life—six months under proper conditions.
- Containers must be stored upright and airtight in a dry space.
- Maintain air temperature of 45°F-100°F (7°C-38°C). Avoid freezing temperatures.

**SAFETY**

**FIRST AID:**

Ingestion: DO NOT INDUCE VOMITING. If the person is conscious and has no trouble breathing, wash out the mouth with water and keep at rest. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Do not give

anything by mouth to an unconscious person. IMMEDIATELY obtain medical attention. AVOID CONTACT WITH SKIN AND EYES. For skin contact, wash affected area with soap and rinse well.

**Caution should be used when walking on any coated surface when it gets wet.**

**VOC COMPLIANCE**

All TEX•COTE® products comply with federal and state Volatile Organic Compound (VOC) rules and regulations. Please contact your nearest TCA office for assistance on the local VOC compliance in the area of intended use.

**WARRANTY**

Upon completion of application of coating in accordance with the manufacturer's recommendations, Textured Coatings of America, Inc. will extend its limited commercial warranty for product replacement as a result of a defect in the material. The manufacturer must be notified prior to the application of the coating and the application must be in compliance with manufacturer's recommendations for installation. TEX•COTE® shall have no obligation to contribute or to otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.



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