



PRODUCT PROFILE

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
- Minimizing Run-Down Discoloration
- Non-Yellowing
- Prevents Moisture Staining of Surfaces
- Excellent Ultraviolet Resistance
- Conforms to Most VOC of Surfaces
- Reduces Spalling and Deterioration
- Single Package - No Shelf or Pot Life Problems
- Water-Based - No Flammable Solvents
- Long-Term Durability

RECOMMENDED PRIMERS/SUBSTRATES

Uncoated Interior and Exterior Surfaces Including Concrete, Brick, Masonry, CMU, Stucco, Roof Tiles, Concrete Pavers and Other Surfaces As Approved by TEX-COTE®. Existing Coatings including COOLWALL®, COOL-TEC®, and Many Other Water and Solvent-Based Coatings Are Approved by TEX-COTE®.

PRODUCT APPLICATION

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 intercoat adhesion.

TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Volume Percent	24% (± 5)
Weight Percent	26% (± 5)

PHYSICAL PROPERTY	TYPICAL RESULT
Weight/Gallon (pounds)	8.5 lbs (3.9 kg) (± 2)
Dry Time To Touch	1 Hour @ 75°F (24°C), 50% RH

TECHNICAL DATA

Performance Properties on Concrete Unless Otherwise Indicated

PROPERTY	EFFECT
Film Clarity	Clear
Tack-Free Time at 25°C	~40 mins (on glass)

PROPERTY	EFFECT
Cured Time 25°C	3 Hours
Adhesion	Pass Wet/Dry

Stain Resistance (One Hour Exposure)

HOUSEHOLD CHEMICAL	EFFECT
Ketchup	Excellent (No Effect)
Mustard	Excellent (No Effect)
Kool-Aid	Excellent (No Effect)
Grape Juice	Excellent (No Effect)

HOUSEHOLD CHEMICAL	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)

CHEMICAL	EFFECT
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)

CHEMICAL	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

PROPERTY	EFFECT
Clear When Wet with Pigmented Concrete Aged 6 Months - Four (4) Hour Exposure	No Visual Defects

PROPERTY	EFFECT
ASTM D487 Weathering	Pass 1000 Hours

PROPERTY	EFFECT
ASTM E313 Yellowing	None @ 1000 Hours QUV

ORDER INFORMATION

PACKAGING

Available in one (1) gallon and five (5) gallon containers.

COVERAGE RATES

Desired coverage rate for CLEAR-SEAL™ will be between 400-600 square feet per gallon.

SHELF LIFE

- 6-Month Shelf Life under proper conditions:
- Containers must be stored upright and airtight in a dry place.
 - Maintain air temperature of 45°F rising to 100°F (7°C - 37.7°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.

SAFETY

FIRST AID, Continued

- 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 Volatile Organic Compound (VOC) rules and regulations.

Please contact your nearest TEX-COTE LLC office for assistance on the local and state VOC compliance in the area of intended use.

WARRANTY

Upon completion of the application of the coating in accordance with the manufacturer's recommendations, TEX-COTE LLC 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 the manufacturer's recommendations for installation. TEX-COTE LLC shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.

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