

Technical Data Sheet

SERIES 170 CURE & SEAL

HIGH BUILD, HIGH GLOSS, HIGH SOLIDS

Series 170 Cure & Seal is an ultra high gloss, fast drying, non-yellowing, pure acrylic sealer designed for decorative concrete. Series 170 Cure & Seal offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. Applying Series 170 Cure & Seal to exposed aggregate will also help to eliminate loose pebbles and premature wear.

Compliances - Specifications

- ASTM C-309, Type 1, Class A & B
- ASTM C-1315, Type 1, Class A
- Dried coating is USDA accepted.
- Meets OTC, CARB & LADCO VOC restrictions.

Technical Information & Properties	
PROPERTY	VALUE
Solids/Active Content, Percentage by weight	30% +/- 1%
Dry Time - Tack Free	30 minutes - 1 hour
Dry Time - Foot Traffic	4 - 6 hours
Dry Time - Heavy Traffic	24 - 48 hours
Vehicular Traffic Over 105 Grout	5 - 7 days
Re-Coat Time Window	2 - 24 hours
Application Temperature	50°F - 80°F
VOC (Volatile Organic Compound) Content	Less than 400 grams/Liter
Appearance - Wet	Clear (May show slight haze)
Appearance - Dry	Clear and Ultra High Gloss

Characteristics

VOC compliant for most areas in the United States and Canada.

Easily applied, ultra high sheen sealer designed specifically to meet the needs of decorative concrete surfaces.

Excellent penetration and adhesion to clean, unsealed new or old concrete.

Non-Yellowing tough 100% pure acrylic sealer.

Can be applied as a re-seal over previously sealed concrete surfaces previously sealed with pure acrylic sealers (test for compatibility first).

Recommended Applications

Concrete that has been acid stained, broom finished, Hallmark application, stenciled, Acrylistain, Color Tone Classic, Overlaid Microtopped, Stamped, Exposed Aggregate, Stone Classic Finish, and Smooth Troweled.

Most other new or existing concrete surfaces where water damage resistance is required.



Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

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Application Instructions

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Note that in direct sunlight, substrate temperature can exceed 150° F which can cause extreme bubbling issues. Low VOC solvent based sealers dry faster than traditional 700 VOC sealers. Do not apply if the temperature is expected to achieve 85° F or higher.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: First Coat : 200 - 300 ft² per gallon* Second Coat : 300 - 350 ft² per gallon*

*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up should be avoided.

APPLICATION: Apply using a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 200-350 square feet per gallon depending on porosity and texture of substrate. Do not allow to puddle! Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic.

FOR PERSONAL PROTECTION USE GLOVES, GOGGLES, AND RESPIRATORS.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture, etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK.**

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- Not for Internal Use.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as two medium light coats, not one heavy coat.
- Please be aware that this product when cured may be slippery when wet. An anti-slip additive can be added to reduce slip hazards.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin product. Improper thinning may cause sealer to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- Solvent vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition source locations distant from material handling point.

CLEAN-UP: Use xylene. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Dried, cured sealer may be removed with a commercial paint stripper or by using a diamond grinding method, sandblasting method or similar mechanical action.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 5 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.