



Sections

03 03 39 00
Concrete Curing

ISO-CURE™ 8525

PENETRATING SILANE CURE & SEAL THAT PRODUCES A CLEAR PROTECTIVE FILM TO HOLD MOISTURE HELPING CEMENT FULLY HYDRATE WHILE PREVENTING WATER & SALT PENETRATION AND PROTECTING AGAINST FREEZE-THAW CYCLES

Description

Penetrating silane cure and seal for newly poured garages, driveways and sidewalks.

Produces a non-yellowing, clear, continuous protective film that effectively cures fresh concrete while preventing water and salt penetration.

Cures fresh exterior concrete by forming a film that holds moisture helping cement fully hydrate while providing protection from damage due to freeze-thaw cycles. Iso-Cure 8525 eliminates the 28 day process of using a cure and seal, waiting 28 days and then applying a penetrating sealer, reducing labor coats putting concrete into service weeks sooner.

Appearance/color

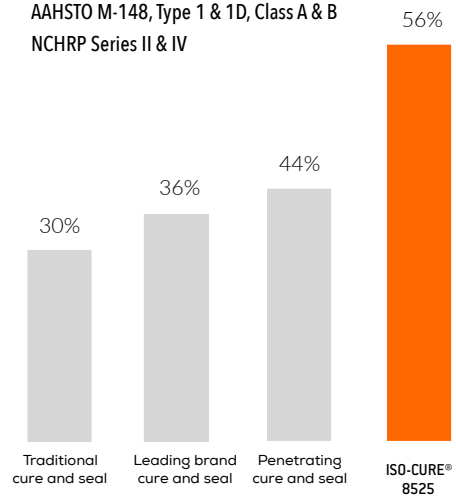
Clear

Coverage

Up to 200 ft²/gallon

COMPOUNDS FOR CURING CONCRETE

Meets the requirements of:
ASTM C-309,
AAHSTO M-148, Type 1 & 1D, Class A & B
NCHRP Series II & IV



Percentage Improvement vs. Control



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Technical Data Sheet

TECHNOLOGY // ADVANTAGES

- **Composition** - Nanotechnology driven high-performance penetrating silane cure and seal
- **Non-yellowing gloss** sealer provides protection and improved appearance to concrete
- **Minimizes crazing** and shrinkage cracks
- **Maximizes strength** and durability
- **Fully hydrates concrete** and cures fresh exterior concrete
- **Prevents freeze-thaw damage** deicing salt and chloride ion ingress
- **Resists organic growth**, mold, mildew
- **UV protection** and resistant to ultra-violet radiation, will not yellow or fade
- **Reduces surface absorption** of concrete for easier cleaning and maintenance
- **Effectively seals** against the ingress of water
- **Extremely resistant to weathering effects** and provides a uniform and easy to clean surface
- **Aesthetically enhances** and protects

TYPICAL PROPERTIES

Appearance - Clear liquid

Packaging - 5 gallon (18.9 L) pails and 55 gallon (189.3 L) drums

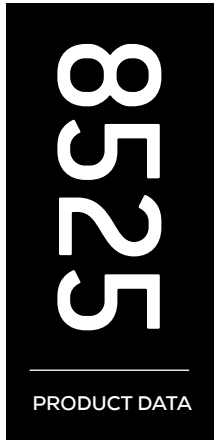
VOC'S - 100 g/L maximum

APPLICATIONS

- Exterior concrete
- Horizontal substrates

Substrates

- Concrete
-



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APPLICATION

Surface Prep

1. Surface and air temperatures must be at least 50°F during and within two hours of application. Do not apply within 5°F of the dew point or when temperatures are expected to fall below 32°F within 8 hours or when rain is expected within 12 hours following application. Keep material from freezing. Do not apply during inclement weather or when inclement weather is expected within 12 hours. Condition material to be a minimum of 60°F prior to application.
5. Protect people, property, vehicles, window glass, roofing materials, plastic products, shrubbery, landscaping and all surfaces not set for treatment from overspray.

Application

1. Always test a small area before application to ensure desired performance, aesthetics, coverage rates and to verify application technique.
2. Stir material thoroughly before and during application. Do not dilute or alter material for purposes other than specified.
3. Apply as soon as all bleed water has dissipated and within 2 hours of final finish. Applying after 2 hours may result in blotchiness, blistering and peeling. Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddle. Do not apply over free standing water. If it starts to rain, stop treatment and cover the impregnated areas. Spray Apply: Use a low pressure, airless sprayer equipped with a fan nozzle orifice of 0.030" to 0.035" at 1 gallon per minute. The optimum spray pattern is an 8" to 12" fan, hold sprayer top 8" to 12" from the surface of the concrete. Roll Apply: May be applied with a short nap (1/4" max) roller.

Dry Time

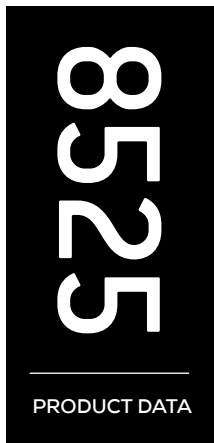
Typical drying time is 1 hour at 70°F and 50% relative humidity. Cooler temperatures or higher relative humidity can extend the drying time. Treated surfaces will be ready for pedestrian within 8 hours and vehicle traffic within 24 hours. Water repellency will continue to develop within 7 days of application.

Clean Up

Clean equipment, tools and surfaces with hot soapy water. Unused or old material may be disposed of in a waste disposal site in accordance with local, state and federal laws.

Precautions/Safety

Avoid contact with skin, eyes and clothing, do not take internally. Use appropriate safety equipment during application and handling. Please refer to the safety data sheet (SDS) for additional precautionary instructions before use.



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APPLICATION

Best Performance

- Proper application is the responsibility of the user.
- Make sure the most current versions of technical data sheets and safety data sheets are being used.
- Spills should not be allowed to sit for extended periods of time, clean all spills in a timely manner. Strong organic solvent will damage the sealer.
- Do not allow material to freeze.
- Do not apply to cured concrete. Use only on new, freshly placed concrete, application to cured concrete will darken surface.
- Not compatible with resilient floor covering adhesives and is not intended for use on surfaces to receive concrete overlays or toppings.
- Do not apply to joints scheduled to receive elastomeric caulk.
- Extremely porous substrates such as pavers may require additional coats to achieve a slight enhancement.

Coverage

1 coat: 100 - 300 square feet per gallon. Variations in texture and porosity of substrate will affect the coverage and performance of the product.

KreteTek Industries Inc.

66 River Road
Hudson, NH 03051

www.Ghostshield.com

Customer Service and Technical Support

1-855-KreteTek (1-855-573-8383)

Warranty

KreteTek Industries Inc. warrants our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. No warranty is made, expressed or implied, regarding such other information, the data on which it is based or the results you will obtain from its use. We shall have no liability for incidental or consequential damages, direct or indirect. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products.

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For professional use only.

Last revised 5/18
