

Sections

09 09 93 00  
Concrete Staining

# PRO-FUSION™ 1505 PRIMER / SEALER

CLEAR, HIGH-PERFORMANCE CONCRETE  
PRIMER & SEALER WITH DEEP PENETRATING  
CROSS-LINKING NANOTECHNOLOGY

### Description

A water-based, non-yellowing primer designed for unsealed concrete, masonry and pavers. Used prior to applying the Pro-Fusion™ 1505 Solid Color Stain, it was designed to improve surfacing bonding and promote cross-linking on porous substrates. It provide a much stronger bond than typical polymer stains. It penetrates deeper and self-crosslinks to promotes outstanding adhesion. When used with Pro-Fusion™ 1505 Color Stain, it locks color deep below the surface. As an optional top clear coat sealer, it will extend the service-life of Pro-Fusion™ 1505 Color Stain & Pro-Fusion™ 1505 Enhancer by adding an additional layer of protection.

### Solids

28%

### Available Colors

Clear

### Sizes

1 Gallon

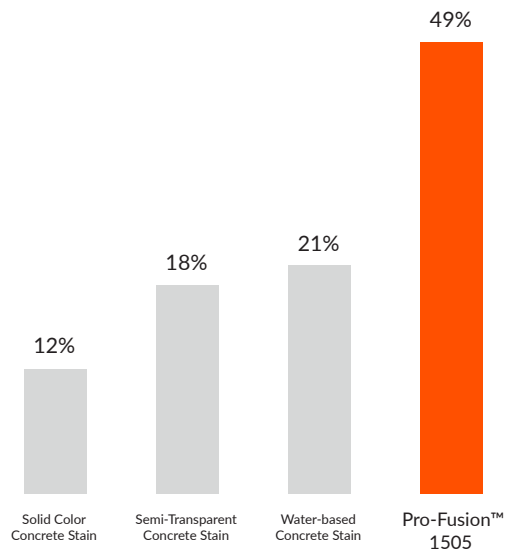
### Coverage

200 sq. ft. / gallon

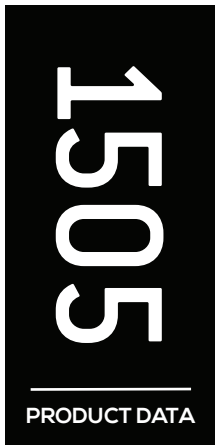
### Surfaces

Interior/exterior concrete, decorative concrete, concrete overlays, stone, masonry, pool decks, driveways, patios, walkways, garages, basement floors, office floors, and memorials.

## ULTRAVIOLET (UV) EXPOSURE AND WEATHERING



Average Percentage Improvement vs. Control



**Technical Data Sheet**

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TECHNOLOGY // ADVANTAGES

**Pro-Fusion™ (3 Step) Color System**

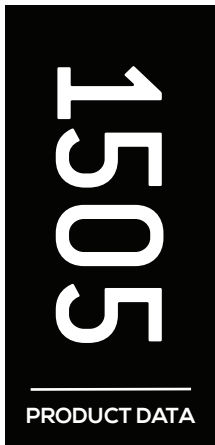
The Pro-Fusion™ 3 Step System is a revolutionary nano-infused pigmented polymer approach to staining and coloring concrete. It was formulated to achieve stronger bonds than typical stains by promoting outstanding self cross-linking capabilities. Utilizing a unique blend of pigments and cross-linking polymers, the Pro-Fusion™ system completely overhauls old, boring or mismatched concrete into decorative surfaces that are striking and cohesive in both appearance and function. Available in 6 UV resistant base colors, and 3 color enhancers, it provides users with endless concrete aesthetic options - including solid, mottled, antiqued, wood, or semi-transparent looks. The Pro-Fusion™ 3 step system consists of a Primer, Solid Color Stain, and Color Enhancer.

**Technology Advantages**

- **Ready to Use** - Simple application
- **Primer & Sealer (all in one)** - As a Primer, it significantly improves adhesion and promotes cross-linking of subsequent color coatings. As a Sealer, it protects and locks in color and extends the surface life of the Pro-Fusion™ 1505 Color Stain & Enhancer.
- **Water-based** - Safer alternative to acid based stains containing no hazardous components
- **Durable Weather & UV Resistance** - Can be used on interior and exterior applications.
- **Cross-linking Acrylic Polymers** - 10x more durable than conventional acrylics.

TECHNICAL PROPERTIES

<b>Composition and Materials</b>	Acrylic / water
<b>Flash Point</b>	N/A
<b>Gloss (60° Angle)</b>	4-8 on sealed surface
<b>% Solids (by weight)</b>	28%
<b>Viscosity (77°F)</b>	25-35 seconds Zahn #2
<b>Primer</b>	N/A
<b>Dry Time</b>	
<b>Tack Free</b>	1 hour
<b>Recoat</b>	1-24 hours
<b>Full Cure</b>	24-48 hours
<b>VOC Content</b>	< 100 g/l
<b>A.I.M. Category</b>	Flat Coating Maximum VOC 100 g/l



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## Technical Data Sheet

### APPLICATION

#### Preparation

Concrete should be at least 28 days old. Substrate should be clean, dry and free from any curing compounds or previous coatings. Any repairs should be made to the substrate prior to coating. Substrate and ambient temperature must be at least 50°F and remain so throughout the entire curing process. Steel troweled surfaces should be shot blasted, ground, or acid etched. Acid etched substrates must be properly neutralized and dry.

#### Mixing

Product is supplied ready to use, and no further dilution is necessary. Contents should be stirred prior to use to eliminate any phase separation which may have occurred upon storage.

#### Application

Mix well prior to use. Always test a small area of each surface to confirm suitability, coverage rate and desired results before applying. Apply using a brush, roller, or low pressure spray. Utilize control joints and natural break points to maintain a wet edge and avoid lap marks. Use even strokes and apply in a uniform manner. Do not allow material to pond. Protect surface from water or rain for 24 hours after application. More porous areas may require more than one coat to satisfy the porosity.

#### Clean up

Clean-up tools and spills before material dries with soap and water.

#### Limitations

Do not use on steel troweled surfaces. Do not over-apply. Surface and air temperature must be between 45°F - 80°F. Not for use where spillages of solvents, fuels, brake or transmission fluids are expected. See product data sheet regarding popouts.

#### Dry Time

Dry-to-touch in one (1) hour. Re-coat in one to twenty four (1 - 24) hours. Allow 24 hours for pedestrian and heavy traffic after sealing.

#### Safety

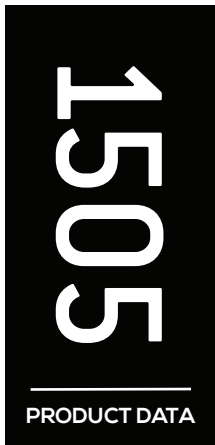
Before using this product, consult the Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage. Dispose in accordance with all local, state and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

#### Storage

Store products in tightly closed original containers at temperatures recommended on the product label. Protect from freezing.

#### Application Notes

- Proper application is the responsibility of the user.



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### 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.

Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sales of our products. Our products contain chemicals that may cause serious physical injury. Before using, read the Safety Data Sheet and follow the precautions to prevent bodily harm.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection

therewith. This information and all further technical advice are based on KreteTek Industries Inc. present knowledge and experience. However, KreteTek Industries Inc. assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. KreteTek Industries Inc. reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

### For professional use only.

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### Customer Service and Technical Support

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