



GHOSTSHIELD®

CONCRETE SEALERS & SPECIALTY COATINGS

ISO-TEK 8100
100% Active Proprietary Silane



ISO-TEK 8100 is a liquid-applied, penetrating silane sealer designed to protect concrete surfaces from water, chloride, and sulfate attack. It forms a protective barrier that allows for breathability while preventing moisture and contaminants from penetrating the substrate. The product is ideal for use on exterior concrete surfaces, including walls, floors, and foundations, in both residential and commercial applications. For detailed technical specifications and application instructions, please refer to the product data sheet (PDS) available on our website.

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ENGINEERED IN THE LAB. PROVEN IN THE FIELD.™



**ENGINEERED IN THE LAB.
PROVEN IN THE FIELD.™**

Ghostshield® Concrete Sealers & Specialty Coatings is a leading global brand of innovative specialty concrete sealers, water and oil repellents, densifiers, durable coatings and structural waterproofing systems that enhance and protect the world's most iconic structures.

Many of our formulations have a long history in underground waterproofing and have played an integral role in the success of companies like De Neef® Chemical and W.R.

Grace & Company. Our proven formulations, blended with some of the latest advancements in nanotechnology, has allowed Ghostshield® to consistently outperform many of today's most notable sealers. Known for our penetrating and impregnating concrete sealers, our proprietary formulations are quickly becoming the preferred choice for architects, engineers, and builders looking for the most robust formulas for the most demanding projects.



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**100 YEAR
WARRANTY**

We back our penetrating sealers with an industry-leading 100 year limited warranty to ensure Ghostshield® outperforms industry standards. For our building partners, it's a promise that we're equally vested in the structures they're building. For channel partners, that means carrying products that the manufacturer will stand behind. And for the homeowner, it's the peace of mind knowing we're protecting their investment.



ANY SIZE, ANY JOB, ANYWHERE. DIRECT TO YOU.

Made for the toughest jobs, but accessible for even the smallest—and we make it all available with excellent customer service.



Water Street
Tampa, FL
Iso-Tek™ 8501



Customer Photo:
Bryan C.
Selinsgrove, PA
Siloxa-Tek® 8500



ISO-TEK™

Stand-out projects require stand-out materials. Iso-Tek™ is an industrial grade line of specialty commercial & industrial sealers engineered for architects & engineers who push the boundaries with demanding projects. Iso-Tek™ rises above the competition by providing innovative concrete solutions catered to projects that rise above the rest.

A NEW GENERATION OF HYDROPHOBIC IMPREGNATION & CHLORIDE PROTECTION



Our Iso-Tek™ products are capable of penetrating high-density, architecturally reinforced concrete of superstructures beyond the norm - deeper than even the most notable competition. With Ghostshield® Iso-Tek™ protecting the concrete, the sky is the limit.



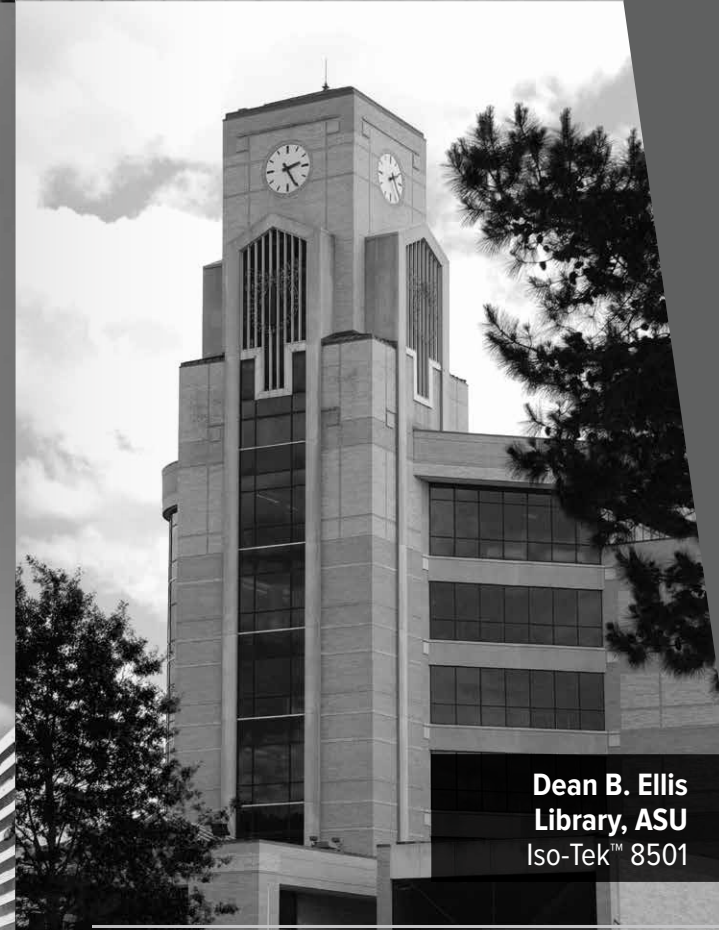
432 Park Ave
New York City
Iso-Tek™ 8501



Miami Int'l
Airport
Siloxa-Tek® 8500



Grove at
Grand Bay
Iso-Tek™ 8501

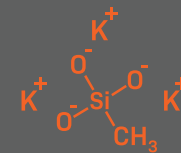


Dean B. Ellis
Library, ASU
Iso-Tek™ 8501

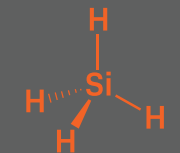
NANOTECHNOLOGY

Developed over decades by research scientists and chemists, Ghostshield® formulas are the most innovative concrete sealers available on the market. Utilizing molecular nanotechnology, the active ingredients are engineered to have the smallest atomic structures possible. The active particle sizes are 0.3 to 1.5 nanometers in diameter, making them 100x smaller than traditional chemistries. The result is deeper penetration, longer service life and unrivaled performance.

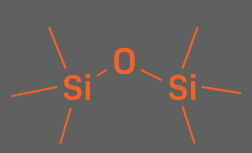
Silicates
(0.3 to 0.6 nm)



Silanes
(0.4 to 1.5 nm)

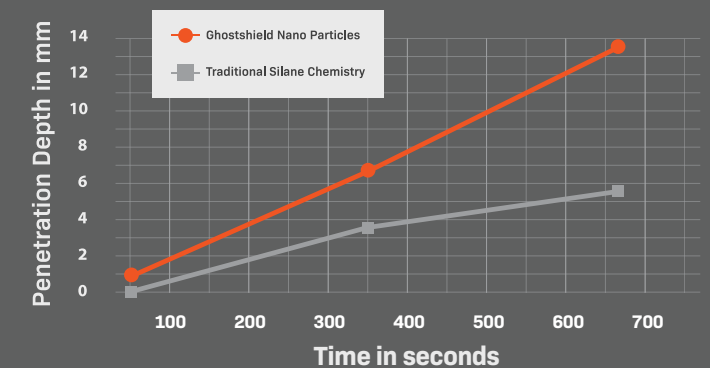


Siloxanes
(3 to 30 nm)



SMALLER PARTICLES PENETRATE DEEPER

When it comes to penetrating concrete sealers, size matters. Ghostshield® formulas utilize the latest advances in nanotechnology and chemistry to penetrate deeper and last longer.





ISO-TEK™ 8501

LONGER CONTACT TIME ACTIVE CLING FOR VERTICAL

DESCRIPTION:

The centerpiece of the Iso-Tek™ line is a proven concrete sealer capable of penetrating high-density, architecturally reinforced concrete superstructures up to 1" deeper than most notable competition. Iso-Tek™ 8501 is a revolutionary, solvent-less, gel-based, concrete sealer designed specifically for vertical (and overhead) surfaces without any material loss. The gel-like viscosity defies gravity, increases time of contact, and achieves penetration depths 10x deeper than regular liquid silanes. It dries clear, does not change (or darken) the concrete, and dramatically reduces moisture, chloride-ion ingress, sulfates, acidic gases, salts and water absorption.

BENEFITS:

- // Exceptional Penetration on Vertical Surfaces
- // Dramatic Reduction in Water & Chloride-Ion Absorption
- // Protects Against Sulfates, Acidic Gases & Rust
- // Reduces Cracking & Surface Erosion
- // Solvent-less, Aqueous & Easy to Apply

SPECIFICATIONS:

- COVERAGE**
150-200 sq.ft. per gallon
- COATS**
1
- VOC CONTENT**
<80 g/L
- FINISH**
Natural

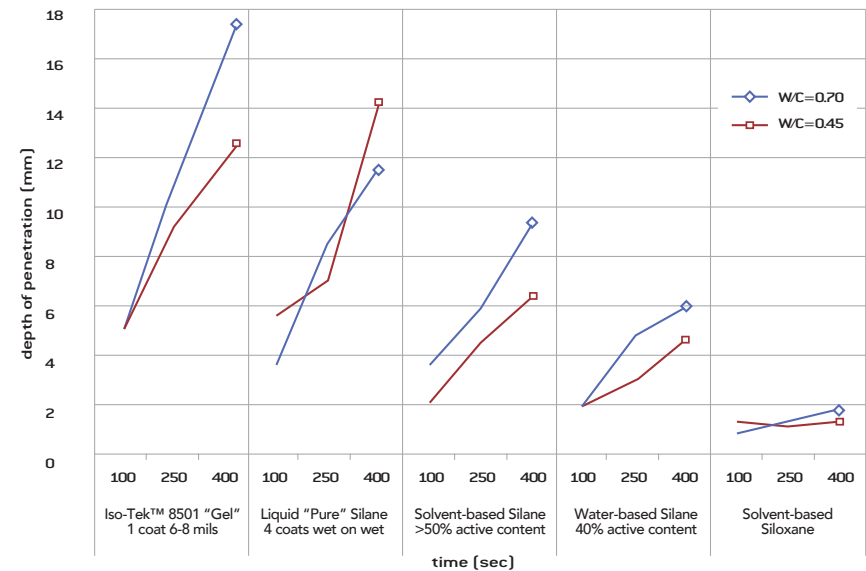
MEETS OR EXCEEDS:

- ASTM D-6532 // ASTM D-6490
- ASTM E-514 // ASTM C-672
- NCHRP Series II, Series IV
- Alberta DOT, Type 1b



LONGER CONTACT TIME. HIGHER ABSORPTION. DEEPER PENETRATION.

The deeper silanes penetrate, the better protection they provide. The gel consistency of Iso-Tek™ 8501 allowed active silanes to remain on vertical surfaces longer to increase the degree of saturation. The temporary gel coating provides a shield against premature drying or "flash-off", giving the silanes more time to penetrate into the substrate. A single coat of Iso-Tek™ 8501 outperforms 4 coats of pure 100% liquid silane and will provide significantly better depth of penetration on vertical and overhead high density concrete.



High viscosity formula leads to virtually zero material loss upon vertical / overhead application.

THE NEXT GENERATION OF VERTICAL & OVERHEAD HYDROPHOBIC IMPREGNATION.

Iso-Tek™ 8501 is truly unique because of its gel consistency. As it begins to react with the substrate, it converts into a translucent polymeric resin. This reaction produces alcohol that further enhances absorption and drives material deeper into the substrate. Once dry, Iso-Tek™ 8501 allows concrete to breathe. Like traditional silanes, it will provide concrete protection without changing the look of the original surface.



Iso-Tek™ 8501 Gel applied to a 14,000 PSI vertical wall on 432 Park Ave, NYC.



Traditional silanes on vertical surfaces are prone to excessive run-off. Excessive run-off leads to low penetration, significant material loss and poor performance.



ISO-TEK™ 8100

PURE PERFORMANCE 100% ACTIVE SILANE





DESCRIPTION:

100% actives, breathable, deep penetrating, concrete sealer that provides exceptional penetrating power. It protects concrete, stone and masonry surfaces from water-soluble deleterious materials and freeze/thaw cycles. It dramatically reduces chloride ingress and stops the absorption of wind-driven rain. It reduces cracking, pitting, spalling and damage thereby lengthening substrate life expectancy and reducing maintenance costs. Utilizing advancements in nanotechnology, it delivers deeper penetration when compared to traditional silane isomers resulting in longer service life.

BENEFITS:

- // Pure Silane / 100% Actives
- // Dramatic Reduction in Chloride & Water Absorption
- // Resists Moisture Intrusion & Oxidation
- // Resists Cracking & Surface Erosion
- // 100% Breathable

SPECIFICATIONS:

-  **COVERAGE**
100-400 sq.ft. per gallon
-  **COATS**
2
-  **VOC CONTENT**
350 g/L
-  **FINISH**
Natural

MEETS OR EXCEEDS:

AASHTO T-259 // ASTM E-303 // ASTM D-6532
ASTM C-642 // ASTM D-6490 // ASTM E-514
ASTM C-672 // NCHRP Series II, Series IV
Alberta DOT, Type 1c



ISO-TEK™ 8540 VOC

DEEP PENETRATING 55% ACTIVE SILANE

DESCRIPTION:





55% actives, solvent-based, VOC compliant penetrating water-repellent sealer that provides a long-lasting protective barrier against moisture and water intrusion, freeze-thaw cycles and chloride ingress. It reduces cracking, pitting, spalling and damage caused by wind-driven rain and environmental elements. It chemically reacts within the pores and capillaries of concrete to create a long-lasting hydrophobic surface that sheets water. Iso-Tek™ 8540 VOC can be used to enhance the performance of top coatings. It improves adhesion to inorganic substrates and works by blocking underlying moisture.

BENEFITS:

- // Deep Penetrating Solvent Formula
- // Exceptional Waterproofing
- // Protects Against Chloride Ion Penetration
- // Resists Cracking & Surface Erosion
- // Improves Adhesions for Paints & Coatings



SPECIFICATIONS:

-  **COVERAGE**
100-400 sq.ft. per gallon
-  **COATS**
2
-  **VOC CONTENT**
<250 g/L
-  **FINISH**
Natural

MEETS OR EXCEEDS:

AASHTO T-259 // ASTM E-303 // ASTM D-6532
ASTM C-642 // ASTM D-6490 // ASTM E-514
ASTM C-672 // NCHRP Series II, Series IV
Alberta DOT, Type 1b



ISO-TEK™ 8511 REBAR CORROSION DOESN'T STAND A CHANCE





DESCRIPTION:

This dual-action, penetrating silane is blended with amino alcohol technology to inhibit the electrochemical corrosion process between the steel (re-bar), chloride ions, oxygen and moisture within concrete. This chemical process dramatically reduces the rate of oxidation in contaminated concrete by forming a protective barrier on the surface of the reinforced steel. It reduces the rate of corrosion, inhibits rust and carbonization, while simultaneously protecting against the absorption of water-soluble deleterious materials.

BENEFITS:

- // Reduces High & Low Corrosion Rates
- // Reduces Chloride-Ion-Induced Corrosion
- // Forms a Protection Passivating Coating
- // Inhibits the Onset & Rate of Rebar Corrosion
- // Exceptional Waterproofing

SPECIFICATIONS:

- | | |
|---|--|
|  COVERAGE
100-400 sq.ft.
per gallon |  COATS
2 |
|  VOC CONTENT
<250 g/L |  FINISH
Natural |

MEETS OR EXCEEDS:

ASTM D-6532 // ASTM D-6490 // ASTM E-514
ASTM C-672 // NCHRP Series II, Series IV
Alberta DOT, Type 1b



432 Park Ave
New York City
Iso-Tek™ 8501



CERTIFIED APPLICATOR

TRUSTED BY THE PROS

Our products are used by hundreds of applicators, contractors, distributors, designers and architects worldwide. From large-scale industrial projects to smaller residential installations, Ghostshield® will provide years of functional and dependable concrete protection.





PREVIEW END

LIKE TO SEE MORE?

If you are enjoying this preview and would like to see our full catalog of concrete solutions, call your local sales representative or our main office. We value relationships and would like to better understand your needs.

CONTACT US

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