



2018

BROCHURE

PRO LINE

**GHOSTSHIELD**®

# GHOSTSHIELD: INVISIBLE WATERPROOFING PROTECTION



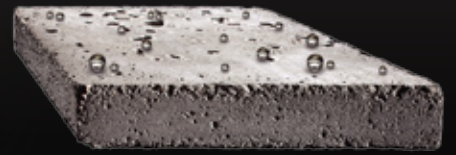
## UNTREATED CONCRETE

Ghostshield prevents the entry of water carrying contaminants such as salts and chlorides, leading to deterioration caused by efflorescence, mildew, and acid rain; resulting in surface scaling, spalling, pitting, and cracking.



## TREATED CONCRETE LASTS LONGER

Ghostshield's intelligent nanoparticles penetrate deep within the concrete sealing the pores and capillaries from within. This protective shield waterproofs, strengthens and protects concrete preserving its natural appearance.



## PERFORMANCE AND SERVICE LIFE

Ghostshield's proprietary technology changes the surface tension, creating a hydrophobic protective barrier that extends the life, maintaining the concrete's integrity.



DOT APPROVED, DIY READY  
resists chloride salt damage



INNOVATIVE FORMULAS  
industry-leading 100 year warranty



CRYLI-TEK® 5505  
single-coat "wet look" sealer



ULTRA-CONCENTRATED FORMULAS  
80% less waste & transportation cost



ICONIC GHOSTSHIELD PROJECT  
432 Park Ave. 350,000 sq. ft.



SILOXA-TEK® 8510 SUPERCHARGED  
exceptional oil & stain resistance

## NANOTECHNOLOGY-DRIVEN FORMULAS



Ghostshield's active ingredients are engineered utilizing nanotechnology, having the smallest atomic structure possible, equating to deeper penetration and unrivaled performance.



Need perspective? "Nano" means one-billionth. There are 25,400,000 nanometers in one inch. Nanotechnology is the manipulation of matter at this tiny scale.



A grain of sand, a component in concrete, is ~500,000 nanometers wide; minuscule, but Ghostshield particles are small enough to pass through it.

# GHOSTSHIELD®

## LEGEND

-  Oil Repellent
-  Water Repellent
-  Salt Repellent
-  Chemical Resistant
-  Solvent-Based
-  Water-Based
-  Concentrated
-  Ready-to-use
-  Two-component



## SILOXA-TEK® 8510

Being the most versatile penetrating sealers in the Pro Line, Siloxa-Tek® products are suitable for substrates like brick and cinderblock in addition to concrete.

Like the 8505, an oleophobic additive in the 8510 eases oil clean-up; but unlike other Siloxa-Tek formulas, 8510 is solvent-based for superior protection.

Covering up to 400 square feet per coat, the 8510 boasts 100% actives and cures clear in 24 hours.



## LITHI-TEK® 9500

This proprietary densifying and waterproofing hybrid concrete sealer provides long-lasting protection from moisture and abrasion.

High-value and low-effort, it's the popular choice for projects on a budget.

Available only in concentrate, each gallon makes five gallons to cover up to 1,000 square feet per coat. Two required coats results in a natural finish.



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## SILOXA-TEK® 8505

Distinguished by oil stain prevention and low VOC content, this water-based concrete sealer also protects against damage from moisture intrusion, chlorides, and road deicing salt. The perfect solution for garages, driveways and busy backyard patios.

Repelling water, salt and oil, this penetrating sealer dries clear and ships ready-to-use or concentrated in single gallons.



## SILOXA-TEK® 8500

Ghostshield's most popular and versatile product: an industrial-grade, water-based, silane/siloxane engineered to reduce water and moisture intrusion, while protecting concrete or masonry substrates from chlorides and deicing salts.

Both water and salt repellent, the 8500 penetrating sealer dries clear and ships ready-to-use or concentrated in single gallons.



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## EPOXY 325

A water-based epoxy coating designed to repel chemicals and resist abrasion, this two-component system is perfect for indoor garages or warehouse-type applications that require extra durability.

Best when used in a thin mil system as a primer for the Urethane 645 topcoat.

Available in clear or a small variety of colored semi-gloss finishes and shipped in one, two, or five-gallon kits.



## VAPOR-TEK™ 440

Boasting 100% solids content, this two-component epoxy coating is designed to control moisture vapor emission rates up to twenty pounds of moisture per 24 hour period per 1,000 square feet.

This sub-floor primer is engineered to remediate high vapor transmission rates in concrete prior to application of flooring systems.



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## URETHANE 645

This two-component urethane coating is designed to resist chemicals and abrasion caused by heavy machinery.

For indoor use only, it's best used in applications that require high durability in a thin mil system as a topcoat with the Epoxy 325 as a primer.

Urethane 645 is solvent-based and available in a clear or colored high-gloss "wet look" finish.



## POLYASPARTIC 745

A revolutionary two-component polyaspartic coating designed to repel chemicals and resist abrasion. It has a rapid cure time for faster application.

Usable indoors as a topcoat or stand-alone, it's perfect for shop floors and warehouses that will endure forklifts and heavy machinery.

The solvent-based formula gives concrete an ultraviolet-stable high-gloss finish.



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## CRYLI-TEK® 5500

Industrial-grade and water-based, this acrylic sealer protects concrete from mold and light staining while leaving it breathable.

Non-yellowing and ultraviolet-resistant, the 5500 dries clear with a low-sheen “satin” finish.

It's an ideal sealer for any application or substrate that benefits from an extra touch of class and beauty.



## CRYLI-TEK® 5505

This industrial-grade, solvent-based acrylic sealer enhances color and protects against mold, mildew and surface staining.

It provides a clear, high-gloss finish that is non-yellowing and ultraviolet resistant, and resists hot tire pick-up.

The “wet look” allure doesn't fail to impress, and it's suitable for a wide variety of applications and substrates.





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## SILA-TEK™ 3500

An industrial-grade, water-based, sodium densifier for use as a stand-alone product or as a primer to strengthen and harden concrete.

This clear penetrating sealer densifies and hardens concrete making it up to 50% stronger, and is also great for polishing concrete.

Available concentrated in single gallons, one gallon concentrate makes five gallons ready-to-use.

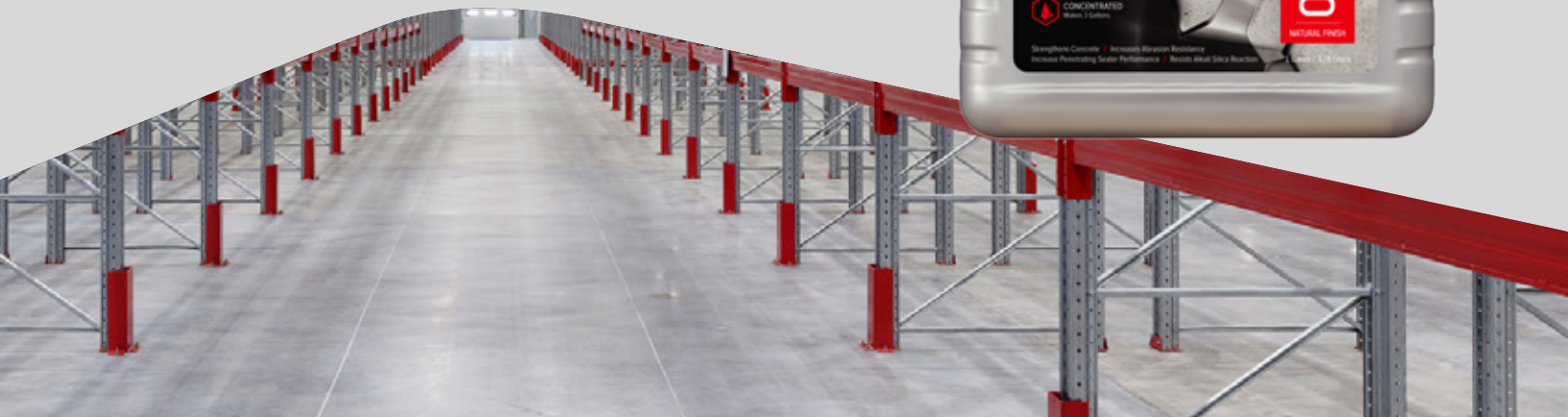


## LITHI-TEK® 4500

An industrial-grade, water-based, lithium densifier designed for use as a stand-alone product or as a primer to strengthen and harden concrete.

Excellent for warehouses and industrial facilities, or when used as a primer for penetrating sealers like the Siloxa-Tek line, Lithi-Tek 4500 strengthens concrete and increases abrasion resistance.

Shipped concentrated, one gallon dilutes to three or four gallons ready-to-use.







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## COUNTERTOP 660

Protect the warm luster and beauty of indoor concrete countertops and fixtures with this water-based, non-toxic concrete sealer that dries with a low-sheen “satin” finish.



## COUNTERTOP 770

For indoor or outdoor concrete countertops, integral sinks, fire places, furniture, fire pits and planters, Countertop 770 is a water-based, non-toxic, clear-drying concrete sealer.



## COUNTERTOP 880

A solvent-based, clear-drying sealer featuring an oleophobic additive that repels water and fluids, resists staining, and eases clean-up for indoor or outdoor concrete fixtures.





9500	8510	8505	8500	5505	5500	4500	3500	745	645	440	325	880	770	660
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**OVERVIEW**

Carrier	Water	Solvent	Water	Water	Solvent	Water	Water	Water	Solvent	Solvent	Solvent	Water	Solvent	Water	Water
Actives	50%	100%	40%	40%	-	-	100%	100%	-	-	-	-	100%	50%	-
Solids	-	-	-	-	28%	25%	-	-	86%	74%	100%	54%	-	-	26%
Natural Finish	✓	✓	✓	✓	-	-	✓	✓	-	-	-	-	✓	✓	-
Low-Sheen Finish	-	-	-	-	-	✓	-	-	-	-	-	✓	-	-	✓
High-Gloss Finish	-	-	-	-	✓	-	-	-	✓	✓	✓	-	-	-	-
Coverage per Gallon* (Square Feet)	100 - 400	100 - 400	100 - 400	100 - 400	100 - 400	100 - 400	100 - 400	100 - 400	Up to 500	Up to 350	Up to 100	Up to 200	-	-	-
Ready-to-Use	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	✓	-	-
Concentrate	✓	-	✓	✓	-	-	✓	✓	-	-	-	-	-	✓	✓
Two-Component Kit	-	-	-	-	-	-	-	-	✓	✓	✓	✓	-	-	-
Protects Against	Water	Water Oil Salt	Water Oil Salt	Water Salt	Water	Water	-	-	Chemical	Chemical	Water	Chemical	Water Oil	Water Oil	Water
VOC	0	<300	<90	<90	<250	<80	0	0	<160	<335	0	<175	<300	0	0

\* Gallon ready-to-use or reconstituted from concentrate.

**SUBSTRATES**

Brick	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
Concrete	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cinderblock	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Stucco / Slate	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Exposed Aggregate	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
Pavers / Stone	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
Stamped / Colored Concrete	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-

**ENGINEERED IN THE LAB, PROVEN IN THE FIELD**

Ghostshield is a leading global manufacturer of a wide range of innovative specialty concrete sealers, water and oil repellents, durable coatings, and structural waterproofing systems. Utilizing the latest advances in nanotechnology and cutting-edge chemistry, Ghostshield engineers supercharged formulas that are revolutionizing the sealer industry; serving up higher performance and longer service life.

**PROPRIETARY TECHNOLOGY**

Ghostshield's silane-based Siloxa-Tek® line offers proprietary formulas enhanced with a Teflon fluorocarbon. These formulas are designed to repel oil, allowing for easier clean up and reduced staining due to oil and water-based contaminants.

**BEST PRACTICE**

- Concrete must be fully cured (28 days) prior to application of a sealer.
- Make certain the most current versions of product TDS and SDS are being used.
- Variations in texture and porosity of the substrate will affect the coverage and performance of the product.

**SILOXA-TEK® ASTM TESTING**

Test	Description	Substrate	Result
ASTM C67	Water repellency	Brick	Pass
ASTM D6532	Water repellency	Concrete	Pass
ASTM E514	Water penetration; Leakage in masonry	Brick Wall Construction	Pass
ASTM D6490	Pre-cast stone E-96; Vapor permeability	Concrete	Pass