



ISO-TEK™

COMMERCIAL  
SPECIALTY SEALERS

**GHOSTSHIELD®**

# UNPARALLELED PERFORMANCE

Ghostshield knows stand-out projects require stand-out materials. Enter the Iso-Tek line: a series of specialty commercial sealers engineered for architects and engineers who push boundaries with demanding projects. Iso-Tek rises above the competition by reaching the deepest level of penetration.



## NEW HEIGHTS OF PROTECTION

Iso-Tek 8501, the center-piece of the Iso-Tek line, is proven capable of penetrating high-density, architecturally reinforced concrete of superstructures up to one inch — deeper than even the most notable competition.

This thixotropic sealer is easily applied to vertical surfaces without material loss for superior optimization. With the Iso-Tek line protecting the concrete in your engineering projects, the sky is the limit.

## RUST-INHIBITING TECHNOLOGY

Iso-Tek 8511 is a surface-applied blend of organofunctional corrosion inhibitors based upon proprietary technology. It inhibits the electrochemical corrosion process between the steel rebar, chloride ions, oxygen and moisture within concrete, forming a protective barrier on the surface of the steel reinforcement.

This chemical process dramatically reduces the rate of oxidation of reinforcement in contaminated concrete.





Miami International Airport

## CUTTING-EDGE NANO-ENGINEERED SILANES

The Ghostshield® Iso-Tek™ line uses breakthroughs in nanochemistry to develop smaller silane isomers that are highly reactive and significantly less volatile than traditional silanes. The secret lies in the low molecular weight and ultra fine particle size.

## PENETRATING DEPTHS PREVIOUSLY UNATTAINABLE

Iso-Tek was developed to reach deeper penetration depths while leaving the surface appearance unaltered; concurrently combating chloride-ion ingress, corrosion, carbonization, freeze-thaw cycling and atmospheric staining resulting in the reduction of maintenance and repair costs.

## 100% PURE ACTIVES; NO PASSIVE CARRIER OR ENCAPSULANT

Iso-Tek is available with pure nano-silanes for unparalleled water repellency and protection against chloride-ion intrusion and salts. The high concentration provides a long-lasting protective barrier on surfaces subject to traffic, including bridge decks, parking garages and service plazas.



Dean B. Ellis Library, ASU



## A NEW GENERATION IN HYDROPHOBIC IMPREGNATION & CHLORIDE PROTECTION

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ISO-TEK 8501 is the most revolutionary sealer on the market and is the pinnacle of liquid-engineered vertically-applied sealers. The thixotropic gel viscosity defies gravity, bridging the time of contact and degree of saturation gap that has historically perplexed some of the largest engineering firms globally.

## // MEETS SPECIFICATIONS FOR DEPT. OF TRANSPORTATION

Meeting MasterSpec Section 071900 and DOT specifications, Iso-Tek features pure, solvent- and water-carried VOC-compliant formulas with active content ranging from 40% to 100% for industry-leading protection and longer service life.

## // CORROSION-INHIBITING TECHNOLOGY


Formulated with a proprietary corrosion-inhibiting technology, the Iso-Tek 8511's dual-action formula impregnates concrete while the corrosion inhibitor passivates the rebar to form a barrier around the steel reinforcement within the concrete, inhibiting carbonization and moisture intrusion.

## // ENGINEERED IN THE LAB, PROVEN IN THE FIELD

The deepest penetration depths and maximum levels of protection are only achievable with the Iso-Tek line of natural finish sealers. The engineering firms responsible for record-breaking 432 Park Ave. and Bjarke Ingels Group's Grove at Grand Bay have trusted Iso-Tek with the future of these iconic landmarks.



432 Park Avenue, NYC



Grove at Grand Bay



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