

## HOW IT WORKS

### INVISIBLE SHIELD® PROTECTION



**Invisible Shield durably seals the microscopic pores of the surface to actively repel water, soil & stains for easy removal.**

**Invisible Shield PRO® 15 is a complex polysiloxane coating that provides a durable, monomolecular “barrier” on glass to protect it against wear and degradation resulting from use and environmental exposure. Invisible Shield PRO 15 seals & protects glass to resist wear and provides continuous protection** under the most severe conditions. Invisible Shield PRO 15 preserves glass in an original “like new” and transparent condition and prevents the adhesion of inorganic soil & stains, scratching, pitting and corrosion. It **extends the aesthetic life of glass** including windows, walls & facades, partitions, balconies, balustrades, doors, ceilings, shower glass, mirrors, windshields and photovoltaic panels for easier and less costly maintenance, reduced repairs & replacements and enhanced appearance.

## FREQUENTLY ASKED QUESTIONS

### How is Invisible Shield® PRO 15 Applied?

IS PRO 15 is easily applied with no required curing time. You can use a wide variety of simple **“wipe on” or “spray” applications** to achieve a streak-free, brilliant shine. To make it even easier, cost effective and more efficient for glass manufacturers to offer protected glass, Unelko has developed its advanced, automated **Microburst 2000 Glass Coating Machine** to apply the Invisible Shield PRO 15 at over 4,000 sq. ft (400 sq. meters) per gallon.

### How long will Invisible Shield® PRO 15 last?

Applied properly and with periodic, light maintenance, IS PRO 15 is extremely durable and can last up to 15 years on most exterior glass surfaces. Like all coatings or paints, durability is dependent upon the initial application, degree of exposure, ongoing maintenance and abrasion to the surface. On high contact, interior surfaces such as shower glass, IS PRO 15 can last up to 15 years and should be cleaned on a weekly basis commensurate with use and exposure to dirt, grime, soap scum or minerals. IS PRO 15 is unaffected by washing with non-abrasive soaps, solvents or detergents. **REPEL® Glass & Surface Cleaner** is recommended for optimum performance to properly care for glass. (REPEL is being touted the best glass cleaner in the world.)

### How much coverage does a quart yield?

IS PRO 15 is ultra-thin, spreads evenly and durably and instantly forms a covalent bond to the glass. Therefore, you get incredible surface coverage with each application. One quart of IS PRO 15 will treat and protect 1,000 square feet (approximately 100 square meters) of surface.

### What is the Invisible Shield® Lifetime Satisfaction Guarantee for Shower Glass?

Glass Protection powered by Invisible Shield PRO 15 is professionally applied at the factory or in the field. With an Invisible Shield purchase, REPEL® Glass & Surface Cleaner should be offered to properly care for glass and other fine fixtures effortlessly. Do not use abrasive cleansers as they can interfere with the protective coating. A light towel dry is recommended as needed. The protection can be infinitely renewed—for a lifetime. REPEL is safe on all household surfaces!

## INDUSTRY BEST PERFORMANCE & VALUE

# INVISIBLE SHIELD®

## PRO 15



**Learn about how to register Invisible Shield Customers, utilizing a Velocity Program. To register:**  
<https://glasscareexperts.com/our-guarantee/#registration>

**Questions/Comments? Call 1-800-528-3149 M-F, 8-5 MST**

Unelko Corporation  
14641 N. 74th St., Scottsdale, AZ 85260  
Ph: 480.991.7272  
[www.unelko.com](http://www.unelko.com)  
[www.glasscareexperts.com](http://www.glasscareexperts.com)

Unelko N.V.  
Leenstraat 22 | B-9750 Zingem, Belgium  
Tel: +32 (0) 9 384 68 21



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# NANO SCALE HYDROPHOBIC GLASS COATINGS

FOR THE  
**PRESERVATION & ENHANCEMENT**  
*of Commercial and Residential Glass*

# PROTECTED

# UNPROTECTED

## SOIL, STAIN AND SCRATCH RESISTANT TECHNOLOGY FOR ALL GLASS

Unelko Corporation has become a leading manufacturer of water repellents, surface treatments and protective coatings for glass, porcelain and ceramics. Unelko pioneered the Invisible Shield® "Easy Clean" Coatings to preserve and protect glass and other surfaces to reduce the frequency and cost of cleaning. Their primary focus has been on the preservation and enhancement of residential and commercial glass.

*"Glass is the single most important building material known to man, and it must be protected," stated Howard G. Ohlhausen, Founder of Unelko.*

### Invisible Shield® PRO 15 and REPEL® Have Broad Application

Invisible Shield PRO 15 improves the ongoing appearance and clarity of glass and protects it against potential irreversible damage from stains, pitting, etching or scratches...long term.



SHOWER

SANDBLASTED

ARCHITECTURAL

MARINE



SOLAR

AERONAUTICAL/  
AUTO

VITREOUS CHINA/  
SANITARY WARE



## WHY DOES GLASS NEED TO BE PROTECTED?

Glass is not corrosion resistant. Its very nature is hydrophilic or water, moisture, soil and stain accepting. Its many irregular hills, peaks and valleys trap and hold moisture, pollution and other inorganic contaminants that build-up if not maintained on a regular basis. The chemically active build-up attacks and weakens the glass causing stains, pitting, etching and other permanent damage.

**Invisible Shield has been proven most effective against the ongoing deterioration and degradation of residential and commercial glass.**

### Benefits of Invisible Shield PRO 15 Glass Protection:

- » Lasting protection up to 15 years
- » UV, weather and abrasion resistant
- » Repels water, soil, minerals and contaminants
- » Makes glass 92.9% more scratch-resistant\*
- » Prevents unsightly stains, scratches and deposits
- » Saves on work, repairs and replacements
- » Improves glass appearance and clarity
- » Makes cleaning faster, easier and more efficient
- » Eliminates the need for harsh chemicals or abrasives
- » Saves time and labor, reducing cost of cleaning
- » Easily applied and easily renewed

\*Test data available

## COMPLETE GLASS RESTORATION & PROTECTION

Environmentally compliant/free of harsh chemicals

Endorsed by  
Glassologist

## UNMATCHED PERFORMANCE & VALUE

INDUSTRY BEST: DURABILITY, EASE OF APPLICATION AND COST PER SQ. FT.

Unelko has more than 40 years in the research, development and manufacture of specialty cleaners, water repellents and protective coatings for the preservation, enhancement and "easy clean" benefit of glass and other surfaces.

Notable commercial glass and sanitary ware manufacturers, distributors, fabricators and installers are offering and/or using the Invisible Shield® Glass Coatings to preserve and protect glass and other high end surfaces. Manufacturers of **flat glass, windows and facades, walls, partitions, mirrors, shower doors and tile, windshields, marine and solar glass** can now offer a better product by protecting the glass against harmful effects of the environment, degradation and corrosion to further enhance appearance and extend the life of glass.

Invisible Shield PRO 15 can be pre-applied to glass during manufacture or easily applied by professional contractors in the field to protect existing glass as a value-added preservation solution.

### REAL WORLD PERFORMANCE

Global Projects Treated with Invisible Shield®



Smithsonian Institute D.C.  
(vulnerable horizontal glass)



NYC Highline (bears extreme  
weather/pollution/high contact use)



AGC Glass; Southport. AU (bears extreme ocean front salt spray)