

# LUXCLEAR<sup>TM</sup> *Protect*

ANTI-CORROSION GLASS



LIVE THE CLEAR LIFE.

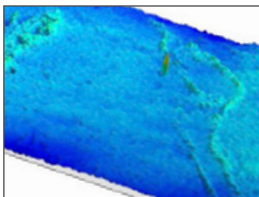
## BETTER CLARITY. LONGER LIFE.



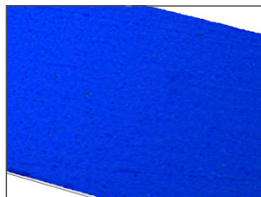
### Corrosion Resistance Testing

LUXCLEAR Protect and Standard Float Glass were tested at high temperatures and high humidity (60°C + 90% Relative Humidity + 1,000 hours) to simulate exposure equivalent to regular use of shower enclosure over a time period of 10 years and LUXCLEAR Protect showed no signs of corrosion.

### Optical Imaging of Exposed Glass



CLEAR FLOAT



LUXCLEAR PROTECT

Magnified images of glass surfaces after exposure using 3-D confocal microscopic imaging

## ANTI-CORROSION GLASS

### LUXCLEAR Technology

Over time, glass can essentially “age” due to surface corrosion caused by exposure to water, heat and high humidity. The result is glass that appears dull and dirty and the longer the exposure exists—the dirtier the appearance.

LUXCLEAR Protect by AGC is a coated glass product developed to protect the surface of the glass by preventing corrosion due to contaminants related to water, heat and high humidity.

Unlike aftermarket products, the LUXCLEAR Protect coating fuses with the glass and permanently seals the glass surface, so it will stay clear—and new looking for the life of the product.

LUXCLEAR Protect requires no special cleaning solutions or processes. Just clean as you normally would.

### Benefits

- > Durable coated glass makes storage and handling worry-free
- > Can be used annealed or tempered
- > Available in a variety of thickness: 3mm up to 12mm
- > No special cleaning or application process required by glass fabricator or consumer for life of product
- > A competitive technology that eliminates the need to consider “messy” labor-intensive aftermarket solutions that require periodic reapplications
- > Easy to cut, drill, edge and temper
- > Anti-corrosion glass surface guaranteed for 10 years with proper care and installation

### Installation and Care

- > LUXCLEAR Protect must be glazed with the coated surface to the area exposed to water, heat and high humidity
- > AGC anti-corrosion glass should be cleaned in accordance with the GANA 01-0300 bulletin on how to properly clean float glass
- > It is important to note that anti-corrosion glass is NOT self-cleaning
- > Regular cleaning with traditional non-abrasive household cleaners may be used for optimum results such as Clorox®, Greenworks®, Fantastik®, Lysol®, Mr. Clean®, Soft Scrub®, Sprayway®, Ammonia Free Glass Cleaner, Tilex®, Vinegar, or Windex®.
- > DO NOT USE Comet®, Ajax® or other abrasive cleaners.
- > DO NOT USE Brillo® pads, steel wool, or other abrasive pads or brushes. Always use a soft cloth or paper towel, or sponge.
- > DO NOT USE razor blades, or other sharp tools to clean glass

LUXCLEAR PROTECT IS GUARANTEED TO NOT HAVE CORROSION ON THE COATED SURFACE FOR 10 YEARS. VISIT [US.AGC.COM](http://US.AGC.COM) FOR MORE DETAILS.

#### AGC GLASS COMPANY NORTH AMERICA, A LEADER IN FLAT GLASS

AGC Glass Company North America is the North American flat glass branch of AGC, the world's leading glassmaker. Its baseline, Beyond Glass, reflects its core assets: as a glass technology driven company, AGC operates on a broader premise that glass is more than just a design element and something to manage light and energy. It's an opportunity.