



**CARDINAL FG**   
A CARDINAL GLASS INDUSTRIES COMPANY

The ultimate corrosion-resistant  
glass for railing infill applications



## A glass railing shouldn't show its age.

When exposed for a prolonged period of time to water, heat, and high humidity, glass surfaces corrode, producing an irreparable dull, hazy, and dirty appearance. For a glass railing system, where transparency is its crowning attribute, corrosion damage is disastrous.



## Protect your glass railing with HydroClear®

Unlike aftermarket glass corrosion inhibitors and other corrosion-protected glass products, Cardinal HydroClear® permanently fuses a protective coating during the float glass manufacturing process. This coating seals the glass surface and hardens into a durable transparent barrier. This unique in-line manufacturing process also allows HydroClear® to provide superior protection whether the glass is annealed or tempered.





# HydroClear® is World Class

	Invisible	Coating Hard Coating	Permanent Anti-Corrosion Hard Coat	Factory Applied Hard Coating - Low Iron Glass	Annealed or Tempered	Limitless Applications	Permanent Protection
<b>HydroClear®</b>	✓	✓	✓	✓	✓	✓	✓
<b>Other Protected Glass</b>							✓
<b>Aftermarket Solutions</b>							

HydroClear® employs cost-competitive technology that eliminates the need to consider labor-intensive aftermarket solutions that require periodic reapplications.

## What to expect from HydroClear®

As a permanent protective coating, you can expect a lifetime of corrosion protection with HydroClear®. However, as with any glass product, routine cleaning is required to maintain its crystal clear and pristine appearance. Abrasive materials and cleaners, as well as certain chemicals, should never be used on HydroClear®. Although, many popular cleaning products are approved for use with HydroClear®. Consult Cardinal Glass Industries for more information.



## Combine with Cardinal Purevision™ low-iron glass for the ultimate in crystal clarity

Iron is an ingredient in standard glass. It's what gives glass a greenish cast. This green color is especially noticeable along the edges of glass. When it comes to glass railings, many architects, designers, and owners want a glass that's far more color neutral, a look that Cardinal Purevision low-iron glass delivers beautifully. And now, Purevision is available with HydroClear®.

**Regular  
Float Glass**

**Cardinal  
Purevision™  
Low-Iron Glass**



**Made in the USA**

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### CARDINAL GLASS INDUSTRIES

Cardinal Glass Industries is a management-owned S-Corporation leading the industry in the development of residential glass for windows and doors. At Cardinal, we try to maintain a clear vision: design and fabricate the most advanced residential glass products in the industry. We turn those fresh ideas into useful products that homeowners can use. In 2021 Cardinal Glass Industries purchased assets from AGC Glass North America, including products such as Purevision™ and HydroClear® (previously LuxClear) glass.