



Cardinal FG Purevision® low-iron glass provides architects and designers a clean, nearly colorless, consistent appearance with enhanced light transmittance. Purevision is 60% less green than standard clear, letting more daylight in and maximizing natural light in the interior environment. Purevision delivers natural color rendering so you see things as they should be seen, with the most attractive low-iron glass edge available.

## LOW IRON, COLOR PURE



### Frequent Uses

- Glass curtain wall
- Storefronts
- All-glass entrances
- Doors & windows
- Wall systems
- Partitions
- Rail infill
- Furniture
- Appliances
- Shelving
- Surfaces
- Display cases

### What's special about Purevision?

#### Enhanced light transmittance of 91%

- Increased light entering a building for building occupant well-being.

#### High color rendering index

- Transmits a superior quality of light into a building  
 - Objects viewed through the glass appear more natural and color-accurate.

#### Improved aesthetics

- Remains color neutral at any thickness, ideal for interior design  
 - Provides a healthy environment with more natural light.



## Purevision Performance

	Transmittance %			Reflectance %		CRI
	Visible	Solar	UV	Visible	Solar	
<b>Monolithic</b>						
6mm Purevision	91%	85%	76%	8%	8%	99.1
10mm Purevision	90%	82%	70%	8%	8%	98.4

Performance values are based on representative production samples and product modeling data using LBNL Window 7.7 software. Actual values may differ based on variations in the manufacturing process. Environmental conditions based on NFRC 100-2010. Thermal stress analysis or building codes may determine the requirement for heat-treated glass. Contact Cardinal FG Technical Services to ensure the correct form of glass to be supplied.

1 According to CIE 15:2004

### Standard Thicknesses:

6mm (1/4")      10mm (3/8")

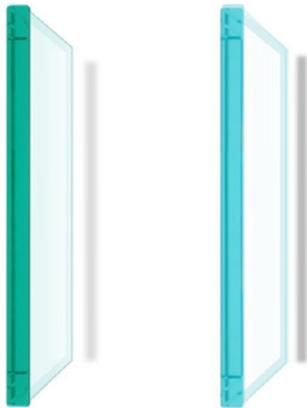
### Dimensions:

96" x 130"      130" x 204"

### Availability:

Made in the USA. Readily available.

Visit [www.cardinalcorp.com](http://www.cardinalcorp.com) for more details.



Regular Glass

Purevision®

## Fabricating Options

Process	Operation	Purevision
Cutting	Straight	Yes
	Circular	Yes
Shaping & Edge Finishing	Edge Grinding	Yes
	Grinding	Yes
	Drilling	Yes
	Notches	Yes
Fabrication	Bending	Yes
	Etching	Yes
	Laminating	Yes
	Sandblasting	Yes
	Painting & Silvering	Yes
	Silk Screen Printing & Enameling	Yes
	Tempering	Yes

Visit [www.cardinalcorp.com](http://www.cardinalcorp.com) for more details on Cardinal's Purevision low-iron glass.

## 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.