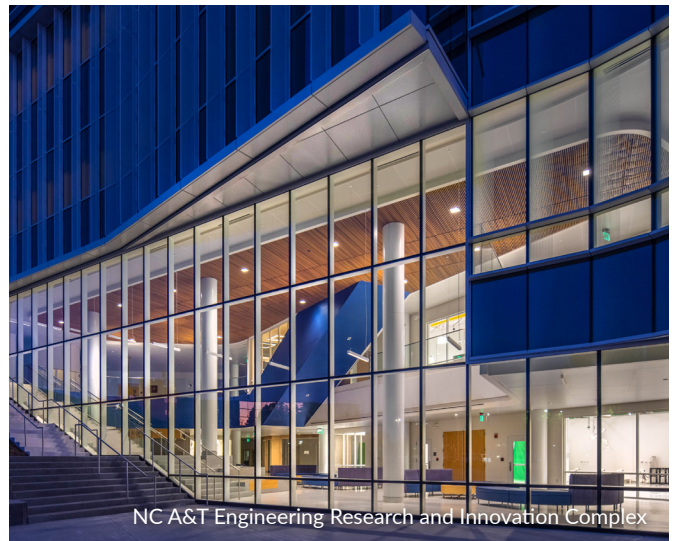




One River North



20 Mass Ave



NC A&T Engineering Research and Innovation Complex

Acuity® Low-Iron Glass

Less Green. For Less Green.

Acuity® low-iron glass serves as a substrate for Solarban® low-e coatings and is 60% less green than standard “clear” glass.

Aesthetic: Exceptionally clear; 60% less green than conventional clear glass

Reflectivity: Low

Availability				
Titan™ Glass Sizes	BirdSmart® Glass	Annealed	Heat Treatable	Vitro Certified® Network
✓	✓	✓	✓	✓

Compatibility			
Laminated	Bent	Heat Soaked Testing	Used With Sungate Therml™ Glass
✓	✓	✓	✓

Insulating Glass Unit Performance Comparisons | 1-inch (25 mm) units with 1/2-inch (13 mm) airspace and two 1/4-inch (6 mm) lites

Outdoor Lite: Coating if Any (Surface) Glass	Glass Type + Indoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (VLT) %	Visible Light Reflectance		(BTU/hr ² ft ² °F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Color Rendering Index (CRI)
			Exterior %	Interior %	Winter Nighttime	Winter Argon		
Solarban Champagne™ Low-e Glass								
Solarban Champagne™ (2) Acuity® + Acuity®		46	27	11	0.29	0.24	0.26	92
Solarban® 60 Solar Control Low-e Glass								
Solarban® 60 (2) Acuity® + Acuity®		73	11	12	0.29	0.24	0.41	97
Solarban® 65 Solar Control Low-e Glass								
Solarban® 65 (2) Acuity® + Acuity®		72	15	15	0.29	0.24	0.36	98
Solarban® R67 Solar Control Low-e Glass								
Solarban® R67 (2) Acuity® + Acuity®		56	19	16	0.29	0.24	0.30	94
Solarban® 72 Solar Control Low-e Glass								
Solarban® 72 (2) Acuity® + Acuity®		67	13	14	0.28	0.24	0.28	94
Solarban® 90 Solar Control Low-e Glass								
Solarban® 90 (2) Acuity® + Acuity®		53	12	19	0.29	0.24	0.23	94
Solarban® R77 Neutral-Reflective Low-e Glass								
Solarban® R77 (2) Acuity® + Acuity®		49	26	16	0.29	0.24	0.25	95
Solarban® R100 Neutral-Reflective Low-e Glass								
Solarban® R100 (2) Acuity® + Acuity®		43	33	13	0.29	0.25	0.23	92

All performance data calculated using LBNL Window 7.8 software and represents center of glass performance data. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit vitroglazings.com or request our Architectural Glass Catalog.

Sustainability

All Vitro Architectural Glass Products meet US GSA Low-Embodied Carbon standards.

Vitro is the **first** U.S. glass manufacturer to have its entire collection earn **Cradle to Cradle Certified®** recognition and **first** North American glass manufacturer to publish **Environmental Product Declarations (EPDs)** for Flat and Processed Glass Products.



EPD
Environmental
Product Declaration



LEC
Low Embodied
Carbon



For more information visit vitroglazings.com, or call 1-855-VTRO-GLS (887-6457).

To order samples, visit samples.vitroglazings.com

Projects

One River North | Denver, Colorado | Solarban® R100 Acuity® Glass (Tower), Solarban® 72 Acuity® Glass (Podium)
Architect: MAD Architects | Glass Fabricator: Millet Glass Industry | Glazing Contractor: Alliance Glazing Technologies
Photographer: Tom Kessler

NC A&T Engineering Research and Innovation Complex | Greensboro, North Carolina | Solarban® 90 Acuity® Glass
Architect: EYP | Glass Fabricator: Press Glass Inc. | Glazing Contractor: Charlotte Glass | Photographer: Jim Sink

20 Mass Ave | Washington, D.C. | Solarban® 72 Acuity® Glass | Architect: Leo A Daly | Glass Fabricator: Press Glass Inc.
Glazing Contractor: Pioneer Cladding & Glazing Systems | General Contractor: DPR Construction | Photographer: Jim Cunningham



Solarban® 65 glass on the second surface, with an Acuity® low-iron glass substrate