



Rolex Tower



Noorda College of Osteopathic Medicine



Attleboro High School

Gray & Bronze Tinted Glasses

Earth & Sky Toned Tints

Vitro's gray and bronze tinted glasses deliver superior solar control and glare reduction, while offering a range of warm, ultra-neutral aesthetics to rich, privacy-oriented tints.

Aesthetic: Earth & Sky Inspired Tints

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		

Solarbronze® Glass

Solarban Champagne™ (2) Solarbronze® + Clear		26	12	11	0.29	0.24	0.19	95
Solarban® 60 (2) Solarbronze® + Clear		42	7	11	0.29	0.24	0.28	95
Solarban® 65 (2) Solarbronze® + Clear		42	8	14	0.29	0.24	0.25	95
Solarban® 70 (2) Solarbronze® + Clear		39	8	13	0.28	0.24	0.20	93
Solarban® 90 (2) Solarbronze® + Clear		31	7	18	0.29	0.24	0.18	94
Solarban® R100 (2) Solarbronze® + Clear		25	15	13	0.29	0.25	0.18	95
Solarban® R77 (2) Solarbronze® + Clear		28	12	16	0.29	0.24	0.19	96
Solarban® R67 (2) Solarbronze® + Clear		32	10	15	0.29	0.24	0.22	95

Optigray® Glass

Solarban Champagne™ (2) Optigray® + Clear		31	15	11	0.29	0.24	0.21	88
Solarban® 60 (2) Optigray® + Clear		50	8	11	0.29	0.24	0.30	94
Solarban® 65 (2) Optigray® + Clear		49	9	14	0.29	0.24	0.28	94
Solarban® 70 (2) Optigray® + Clear		46	9	13	0.28	0.24	0.23	89
Solarban® 90 (2) Optigray® + Clear		36	8	19	0.29	0.24	0.20	90
Solarban® R100 (2) Optigray® + Clear		29	18	13	0.29	0.25	0.20	89
Solarban® R77 (2) Optigray® + Clear		33	15	16	0.29	0.24	0.21	93
Solarban® R67 (2) Optigray® + Clear		38	12	15	0.29	0.24	0.24	90

Solargray® Glass

Solarban® 65 (2) Solargray® + Clear		35	7	13	0.29	0.24	0.23	94
Solarban® 70 (2) Solargray® + Clear		32	7	13	0.28	0.24	0.19	89
Solarban® 90 (2) Solargray® + Clear		26	6	18	0.29	0.24	0.17	90
Solarban® R100 (2) Solargray® + Clear		21	12	13	0.29	0.25	0.17	89
Solarban® R77 (2) Solargray® + Clear		23	10	15	0.29	0.24	0.18	93
Solarban® R67 (2) Solargray® + Clear		27	8	15	0.29	0.24	0.20	90

Graylite® II Glass

Graylite® II + Solarban® 60 (3) Clear		7	4	8	0.29	0.24	0.13	84
Graylite® II + Solarban® 65 (3) Clear		7	4	12	0.29	0.24	0.12	85
Graylite® II + Solarban® 70 (3) ¹		6	4	10	0.28	0.24	0.11	81
Graylite® II + Solarban® 90 (3) Clear		5	4	11	0.29	0.24	0.11	82

¹Solarban® 70 (formerly Solarban® 70XL) for annealed applications is applied to low-iron glass; heat treated applications will require either clear or low-iron glass depending on manufacturing process.

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

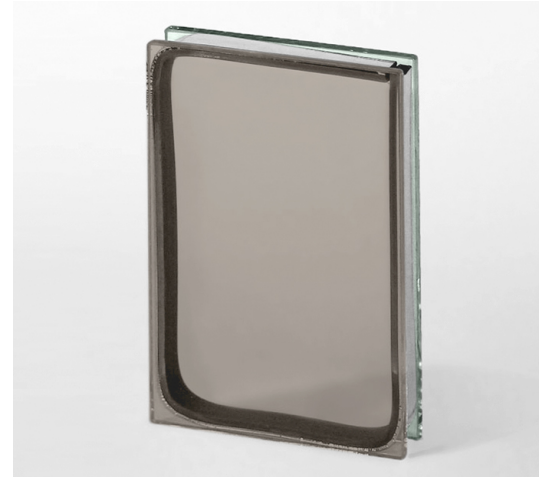


LEC
Low Embodied
Carbon



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

To order samples, visit samples.vitroglazings.com



Solarban® 60 Solarbronze® Glass

Projects

Rolex Tower | Dallas, Texas | Solarban® R67 Optigray® Glass | Architect: Kengo Kuma and Associates, HDF Architects
Glass Fabricator: Tristar Glass Inc. | General Contractor: HDF | Photographer: Tom Kessler

Noorda College of Osteopathic Medicine | Provo, Utah | Solarban® 70 Solargray® Glass | Architect: MHTN Architects
Glass Fabricator: Trulite Glass & Aluminum Solutions | Glazing Contractor: Jones Glass | Photographer: Tom Kessler

Attleboro High School | Attleboro, Massachusetts | Solarban® 60 Optigray® Glass | Architect: Kaestle Boos Architects Inc
Glass Fabricator: Oldcastle BuildingEnvelope® | Glazing Contractor: Lockheed Window Corp | Photographer: Ed Wonsek