



SXSW Office Tower



Pegasus Park



SAFE Credit Union Performing Arts Center

## Solarban® 90 Solar Control Low-e Glass

# Solar Control Without Sacrifice

Introduced as the world's first quad-silver glass in 2015, Solarban® 90 glass delivers outstanding solar control with a true neutral-reflective appearance.

1-Inch IGU on Clear (2)		Substrate Options		
SHGC	VLT%	Clear	Low-Iron	Tinted
0.23	51	✓	✓	✓

**Aesthetic:** Neutral

**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/hr²ft²°F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Color Rendering Index (CRI)
			Exterior %	Interior %	Winter Nighttime	Winter Argon		

#### Solarban® 90 Solar Control Low-E Glass

Solarban® 90 (2) Clear + Clear	51	12	19	0.29	0.24	0.23	92
Solarban® 90 (2) Acuity® + Acuity®	53	12	19	0.29	0.24	0.23	94
Solarban® 90 (2) Starphire® + Starphire®	54	13	20	0.29	0.24	0.23	95
Solarban® 90 (2) Solexia® + Clear	44	10	19	0.29	0.24	0.22	86
Solarban® 90 (2) Azuria® + Clear	39	9	19	0.29	0.24	0.21	75
Solarban® 90 (2) Optiblu® + Clear	37	8	19	0.29	0.24	0.20	88
Solarban® 90 (2) Solarblue® + Clear	32	8	18	0.29	0.24	0.19	81
Solarban® 90 (2) Solarbronze® + Clear	31	7	18	0.29	0.24	0.18	94
Solarban® 90 (2) Optigray® + Clear	36	8	19	0.29	0.24	0.20	90
Solarban® 90 (2) Solargray® + Clear	26	6	18	0.29	0.24	0.17	90
Atlantica® + Solarban® 90 (3) Clear	39	13	12	0.29	0.24	0.26	82
Solarban® 90 (2) Pacifica® + Clear	24	6	18	0.29	0.24	0.17	69
Graylite® II + Solarban® 90 (3) Clear	5	4	11	0.29	0.24	0.11	82

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](http://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](http://vitroglazings.com),  
or call 1-855-VTRO-GLS (887-6457).

To order samples, visit [samples.vitroglazings.com](http://samples.vitroglazings.com)



Solarban® 90 Starphire® Glass

#### Projects

**Pegasus Park** | Dallas, Texas | Solarban® 90 Acuity® Glass | Architect: GFF  
Glass Fabricator: Tristar Glass Inc. | Glazing Contractor: Sunbelt Waterproofing | Photographer: Tom Kessler

**SAFE Credit Union Performing Arts Center** | Sacramento, California | Solarban® 90 Acuity® Glass | Architect: DLR Group  
Glass Fabricator: Glassfab Tempering Services | Glazing Contractor: Bagatelos Architectural Glass Systems | Photographer: Tom Kessler

**SXSW Office Tower** | Austin, Texas | Solarban® 90 Glass | Architect: Pei Cobb Freed & Partners, Gensler  
Glass Fabricator: OldCastle BuildingEnvelope® | Photographer: Tom Kessler