

# Product Data Sheet



## The clearest float glass in the world...

### Now available in thicknesses up to 19mm

Stocked year-round for immediate delivery, extra-heavy *Starphire*® glass is ideal for a range of applications from point-fixed walls, to interior applications and safety/security glazing. Extra-heavy *Starphire*® glass is durable and readily available for rapid job-site delivery from nearly 100 glass fabrication locations throughout the U.S. and Canada.

It is also available through international representatives in 25 countries.

With its unique blue edge and stunning clarity, *Starphire*® glass has long been the designers' choice for its highest possible visible light transmittance and unparalleled truecolor fidelity.

In a special security glazing application, *Starphire*® glass was used to protect the Charters of Freedom, including the Declaration of Independence, U.S. Constitution and Bill of Rights. *Starphire*®

glass was selected because of its ability to maintain the highest clarity and true-color fidelity, even through great thicknesses and lamination. "You can hardly tell the glass is there," noted the Project Manager responsible for the display restoration at the National Archives. Some of the same features make *Starphire*® glass ideal for a wide range of applications.

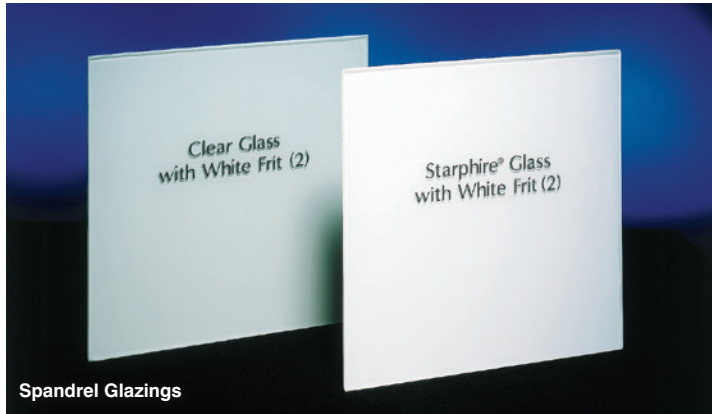
### Additional Resources

Extra-heavy thicknesses of clear glass by Vitro are also available. For *Starphire*® glass samples or a list of distributors, contact our Architectural Services Hotline at **1-855-VTRO-GLS (887-6457)** or visit [starphireglass.com](http://starphireglass.com).

Vitro Architectural Glass is the first U.S. float glass manufacturer to have its products recognized by the *Cradle to Cradle Certified*™ program, and offers more C2C-certified architectural glasses than any other float glass manufacturer.



Starphire® Extra Heavy Glass



Starphire® Glass Performance Data

Glass Thickness		Visible Light Transmittance (VLT)	Visible Light Reflectance		(BTU/hr <sup>2</sup> ft <sup>2</sup> °F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain (LSG)	
inches	mm		Exterior %	Interior %	Winter Nighttime	Winter Argon			
<b>Starphire® Glass</b>									
1/4	6	91	8	8	1.02	N/A	0.90	1.01	
1/2	12	90	8	8	0.98	N/A	0.88	1.02	
5/8	16	90	8	8	0.97	N/A	0.87	1.03	
3/4	19	90	8	8	0.95	N/A	0.86	1.05	
<b>Clear Glass</b>									
1/4	6	89	8	9	1.02	N/A	0.82	1.09	
1/2	12	85	8	8	0.98	N/A	0.73	1.16	
5/8	16	84	8	8	0.97	N/A	0.70	1.20	
3/4	19	83	8	8	0.95	N/A	0.67	1.24	

All performance data calculated using LBNL Window 7.3 software, except European u-value, which is calculated using WinDat version 3.0.1 software. 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.

For more information about Starphire® float glass and other Cradle to Cradle Certified™ architectural glasses by Vitro Glass, visit [vitroglazings.com](http://vitroglazings.com), or call 1-855-VTRO-GLS (887-6457).

Note: Starphire® glass edge color can vary depending on final glass size, glass thickness and ambient lighting conditions. Vitro recommends a full-size Starphire® glass viewing to determine acceptability for final use.

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