



Starphire® Ultra-Clear Glass

Conventional Clear Glass

## The clearest float glass in the world... Now available in thicknesses up to 19 mm

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.

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 true-color fidelity.

Extra-heavy thicknesses of PPG clear are also available. To learn more call 1-888-PPG-IDEA (1-888-774-4332) or visit [www.ppgideascales.com](http://www.ppgideascales.com).

### Starphire Glass Performance Data

Glass Thickness		Transmittance			Reflectance		U-Value (Imperial)		K-Value (Metric)		Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
Inches	mm	Ultra-violet %	Visible %	Total Solar Energy %	Visible Light %	Total Solar Energy %	Winter Night-time	Summer Day-time	Winter Night-time	Summer Day-time			
<b>Monolithic</b>													
<b>STARPHIRE® Glass</b>													
1/4	6	59	91	89	8	8	1.03	0.93	5.78	5.27	1.03	0.90	1.01
1/2	12	49	91	86	8	8	0.98	0.89	5.78	5.27	1.01	0.88	1.03
5/8	15	46	90	84	8	8	0.97	0.87	5.48	4.97	1.00	0.87	1.03
3/4	19	44	90	83	8	8	0.95	0.86	5.39	4.89	0.99	0.86	1.05
<b>Clear Glass</b>													
1/4	6	66	89	77	9	7	1.03	0.93	5.82	5.25	0.94	0.81	1.10
1/2	12	53	85	64	8	6	0.98	0.89	5.59	5.76	0.84	0.72	1.20
5/8	16	48	84	59	8	6	0.97	0.87	5.48	4.97	0.80	0.69	1.22
3/4	19	45	82	55	8	6	0.95	0.86	5.39	4.89	0.77	0.67	1.22

Performance data calculated using LBL Window 5.2. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit [www.ppgglazing.com](http://www.ppgglazing.com) or request our Architectural Glass Catalog.



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.



Charters of Freedom



Spandrel Glazings



Skylite Glazings



Safety and Security Glazings



Interior Glazings



Vision Glazings (Available with Solarban 60 Solar Control Low-E)



Entrance Glazings

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Printed in U.S.A.  
7100 2/06 5M

