

**Laminated Glass with Vanceva® #S-3609 interlayer**  
Optical, Solar, Thermal and Color Properties Datasheet

The configuration as described below was calculated using LBNL OPTICS and WINDOW software with standard NFRC/ASHRAE conditions.

<b>Configuration:</b>				
3 mm (1/8 inch) clear glass - Vanceva® #S-3609 ; 0.38 mm (0.015 inch) - 3 mm (1/8 inch) clear glass				
<b>Vanceva® Earth Tone   RB S-3609   Truffle (Brown)</b>				
<b>Optical (%) and Thermal Properties</b>			<b>SI</b>	<b>IP</b>
Solar Transmittance %	16	U factor W/m2-K(Btu/hr-ft2-F)	5.74	1.01
Reflectance Solar (front)	5	Shading Coefficient	0.47	0.47
Reflectance Solar (back)	5	Solar Heat Gain Coefficient (SHGC; g)	0.41	0.41
Visible Light Transmittance %	9	Relative Heat Gain W/m2 (Btu/hr-ft2)	399	127
Visible Reflectance (front) %	5	GST Outboard -18°C (-0.4°F)	-10	13
Visible Reflectance (back) %	5	GST Inboard 21°C (69.8°F)	-9	17
Absorptance (Solar)	79	GST Outboard 32°C (89.6°F)	50	122
Tdw-K	0.02	GST Inboard 24°C (75.2°F)	51	123
Tdw-ISO	0.05	Light to Solar Gain (LSG)	0.23	
Tuv	<1%	Effective Aperture	30%=0.015	80%=0.030

<b>Color Properties</b>	<b>Dom. WL</b>	<b>Purity</b>	<b>L*</b>	<b>a*</b>	<b>b*</b>
Transmittance	0.58	31.20	36.17	3.28	14.10
Reflectance	0.48	1.99	26.81	-0.26	-0.77
<b>R</b> (Transmittance)		98			
<b>G</b> (Transmittance)		83			
<b>B</b> (Transmittance)		62			
Color Rendering Index (Transmittance)		78			

Data reported in metric (SI) units with Inch Pound (IP) standard units calculated. GST: Glass surface temperatures - provided for inboard and outboard glass for conditions noted including standard wind conditions.

**For specification purposes color consists of 1 Saflex and/or Vanceva color layers and is referenced as Vanceva® Interlayer Color #S-3609.**

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