

**Laminated Glass with Vanceva® #000D interlayer**  
 Optical, Solar, Thermal and Color Properties Datasheet

The configuration as described below was calculated in OPTICSv6 and WINDOW 6.3 using standard NFRC/ASHRAE conditions.

<b>Configuration:</b>				
3 mm (1/8 inch) clear - Vanceva® #000D ; 0.38 mm (0.015 inch) - 3 mm (1/8 inch) clear				
<b>True Blue</b>				
<b>Optical (%) and Thermal Properties</b>			<b>SI</b>	<b>IP</b>
Solar Transmittance %	42	U factor W/m2-K(Btu/hr-ft2-F)	5.75	1.01
Reflectance Solar (front) %	7	Shading Coefficient	0.66	0.66
Reflectance Solar (back) %	7	Solar Heat Gain Coefficient (SHGC; g)	0.57	0.57
Visible Light Transmittance %	12	Relative Heat Gain W/m2 (Btu/hr-ft2)	457	145
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) %	51	GST Outboard 32°C (89.6°F)	44	112
Tdw-K	0.16	GST Inboard 24°C (75.2°F)	40	104
Tdw-ISO	0.23	Light to Solar Gain (LSG)	0.20	
Tuv %	<1	Effective Aperture	30%=0.016	80%=0.032

<b>Color Properties</b>	<b>Dom. WL</b>	<b>Purity</b>	<b>L*</b>	<b>a*</b>	<b>b*</b>
Transmittance	0.47	68.40	42.68	9.18	-52.50
Reflectance	0.45	14.41	27.99	3.67	-8.41
<b>R</b> (Transmittance)	2				
<b>G</b> (Transmittance)	101				
<b>B</b> (Transmittance)	187				
Color Rendering Index (Transmittance)	20				

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 Vanceva color layers and is referenced as Vanceva® Interlayer Color #000D.**

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