

**Laminated Glass with Saflex® S642800 interlayer**  
 Optical, Solar, Thermal and Color Properties Datasheet

The configuration as described below was calculated in Optics and Window 5.2/6.3 using standard NFRC/ASHRAE

<b>Configuration:</b>				
3 mm (1/8 inch) clear ~ Saflex® S642800 ; 0.38 mm (0.015 inch) ~ 3 mm (1/8 inch) clear				
<b>Medium Bronze</b>				
<b>Optical (%) and Thermal Properties</b>			<b>SI</b>	<b>IP</b>
Solar Transmittance %	34	U factor W/m2-K (Btu/hr-ft2-F)	5.74	1.01
Reflectance Solar (front)	5	Shading Coefficient	0.61	
Reflectance Solar (back)	5	Solar Heat Gain Coefficient (SHGC; g)	0.53	
Visible Light Transmittance %	28	Relative Heat Gain W/m2 (Btu/hr-ft2)	427	136
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)	61	GST Outboard 32°C (89.6°F)	46	114
Tdw-K	0.08	GST Inboard 24°C (75.2°F)	46	115
Tdw-ISO	0.18	Light to Solar Gain (LSG)	0.53	
Tuv	<1%	Effective Aperture	30%=0.014	80%=0.488

Color Properties	Dom. WL	Purity	L*	a*	b*
Reflectance	0.58	13.30	59.84	6.15	7.86
Transmittance	0.49	0.66	26.07	0.42	-0.04
Color Rendering Index (Transmittance)	87				
R (Transmittance)	161				
G (Transmittance)	140				
B (Transmittance)	130				

Data reported in metric units with US standard units calculated.

For layering purposes this interlayer color may be referenced as Saflex® Interlayer Color #S642800.

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