

Laminated Glass with Saflex® S637600 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

Configuration:				
3 mm (1/8 inch) clear ~ Saflex® S637600 ; 0.38 mm (0.015 inch) ~ 3 mm (1/8 inch) clear				
Cool Blue				
Optical (%) and Thermal Properties			SI	IP
Solar Transmittance %	67	U factor W/m2-K (Btu/hr-ft2-F)	5.75	1.01
Reflectance Solar (front)	7	Shading Coefficient	0.86	
Reflectance Solar (back)	7	Solar Heat Gain Coefficient (SHGC; g)	0.74	
Visible Light Transmittance %	74	Relative Heat Gain W/m2 (Btu/hr-ft2)	580	184
Visible Reflectance (front) %	7	GST Outboard -18°C (-0.4°F)	-10	13
Visible Reflectance (back) %	7	GST Inboard 21°C (69.8°F)	-9	17
Absorptance (Solar)	26	GST Outboard 32°C (89.6°F)	37	98
Tdw-K	0.30	GST Inboard 24°C (75.2°F)	37	98
Tdw-ISO	0.57	Light to Solar Gain (LSG)	0.99	
Tuv	<1%	Effective Aperture	30%=0.022	80%=0.209

Color Properties	Dom. WL	Purity	L*	a*	b*
Reflectance	0.48	10.20	89.09	-9.75	-6.54
Transmittance	0.48	8.61	32.71	-3.02	-2.97
Color Rendering Index (Transmittance)	86				
R (Transmittance)	196				
G (Transmittance)	230				
B (Transmittance)	234				

Data reported in metric units with US standard units calculated.

For layering purposes this interlayer color may be referenced as Saflex® Interlayer Color #S637600.

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