

Laminated Glass with Saflex® S360900 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® S360900 ; 0.38 mm (0.015 inch) ~ 3 mm (1/8 inch) clear				
Dark Brown				
Optical (%) and Thermal Properties			SI	IP
Solar Transmittance %	15	U factor W/m2-K (Btu/hr-ft2-F)	5.73	1.01
Reflectance Solar (front)	5	Shading Coefficient	0.47	
Reflectance Solar (back)	4	Solar Heat Gain Coefficient (SHGC; g)	0.41	
Visible Light Transmittance %	8	Relative Heat Gain W/m2 (Btu/hr-ft2)	334	106
Visible Reflectance (front) %	5	GST Outboard -18°C (-0.4°F)	-10	13
Visible Reflectance (back) %	4	GST Inboard 21°C (69.8°F)	-9	17
Absorptance (Solar)	81	GST Outboard 32°C (89.6°F)	50	123
Tdw-K	0.01	GST Inboard 24°C (75.2°F)	51	124
Tdw-ISO	0.04	Light to Solar Gain (LSG)	0.21	
Tuv	<1%	Effective Aperture	30%=0.014	80%=0.646

Color Properties	Dom. WL	Purity	L*	a*	b*
Reflectance	0.58	35.40	34.37	3.49	15.53
Transmittance	0.47	3.20	25.64	-0.09	-1.35
Color Rendering Index (Transmittance)	76				
R (Transmittance)	95				
G (Transmittance)	78				
B (Transmittance)	56				

Data reported in metric units with US standard units calculated.

For layering purposes this interlayer color may be referenced as Saflex® Interlayer Color #S360900.

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