Laminated Glass with Saflex® S362800 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® S362800 ; 0.38 mm (0.015 inch) ~
3 mm (1/8 inch) clear
Medium Brown

Optical (%) and Thermal Properties			**SI**	**IP**
Solar Transmittance %	32	U factor W/m2-K (Btu/hr-ft2-F)	5.73	1.01
Reflectance Solar (front)	5	Shading Coefficient	0.60	
Reflectance Solar (back)	5	Solar Heat Gain Coefficient (SHGC; g)	0.52	
Visible Light Transmittance %	28	Relative Heat Gain W/m2 (Btu/hr-ft2)	419	133
Visible Reflectance (front) %	5	GST Outboard -18ºC (-0.4ºF)	-10	13
Visible Reflectance (back) %	5	GST Inboard 21ºC (69.8ºF)	-9	17
Absorptance (Solar)	63	GST Outboard 32ºC (89.6ºF)	46	115
Tdw-K	0.07	GST Inboard 24ºC (75.2ºF)	46	116
Tdw-ISO	0.17	Light to Solar Gain (LSG)	0.55	
Tuv	<1%	Effective Arpeture	30%=0.015	80%=0.502

Color Properties	**Dom. WL**	**Purity**	**L***	**a***	**b***
Reflectance	0.57	18.20	59.94	1.07	12.11
Transmittance	0.47	1.32	26.57	0.03	-0.60
Color Rendering Index (Transmittance)	89				
R (Transmittance)	155				
G (Transmittance)	143				
B (Transmittance)	122				

Data reported in metric units with US standard units calculated.

For layering purposes this interlayer color may be referenced as Saflex® Interlayer Color #S362800.

Prepared by: J. Schimmelpenningh 7-Apr-15

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