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

The configuration as described below was calculated using LBNL OPTICS and WINDOW software with standard NFRC/ASHRAE conditions.

Configuration:				
3 mm (0.125 inch) low-iron glass - Saflex® RB4N ; 0.76 mm (0.030 inch) - 3 mm (0.125 inch) low-iron glass				
Optical (%) and Thermal Properties			SI	IP
Solar Transmittance %	82	U factor W/m2-K(Btu/hr-ft2-F)	5.67	1.00
Reflectance Solar (front)	7	Shading Coefficient	0.98	0.98
Reflectance Solar (back)	7	Solar Heat Gain Coefficient (SHGC; g)	0.85	0.85
Visible Light Transmittance %	89	Relative Heat Gain W/m2 (Btu/hr-ft2)	657	209
Visible Reflectance (front) %	8	GST Outboard -18°C (-0.4°F)	-11	13
Visible Reflectance (back) %	8	GST Inboard 21°C (69.8°F)	-8	17
Absorptance (Solar)	11	GST Outboard 32°C (89.6°F)	33	91
Tdw-K	0.31	GST Inboard 24°C (75.2°F)	33	91
Tdw-ISO	0.63	Light to Solar Gain (LSG)	1.05	
Tuv	<1%	Effective Aperture	30%=0.024	80%=0.048

Color Properties	Dom. WL	Purity	L*	a*	b*
Transmittance	0.54	0.20	96.60	-0.47	0.29
Reflectance	0.48	1.42	34.05	-0.24	-0.63
R (Transmittance)	242				
G (Transmittance)	243				
B (Transmittance)	240				
Color Rendering Index (Transmittance)	100				

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 layering purposes this interlayer color may be referenced as Saflex® RB4N Interlayer.

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The data presented is derived from samples tested or simulated. Results are not guaranteed for all samples or for conditions other than those tested. Data and its respective measured, calculated or estimated single number ratings is for glass panels only – glazing installed in frames may differ significantly in performance.

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Solar Pro VCV010418V1.4

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