## SCL SR PS7

Technical data according to EN 410 and EN 673	4 mm single	4 / 16 / 4 mm double
Corrected emissivity of uncoated glass surface	0.837	
Solar Energy Transmission, τ <sub>e</sub>	78 %	65 %
Solar Energy Reflection, ρ <sub>e</sub>	8 %	13 %
Solar Energy Absorption, a <sub>e</sub>	14 %	22 %
Visible Light Transmission, $\tau_{\text{V}}$	87 %	78 %
Visible Light Reflection (External) , $\rho_{\text{Ve}}$	9 %	15 %
Visible Light Reflection (Internal) , $\rho_{\text{Vi}}$	9 %	15 %
Ultraviolet Transmission, $\tau_{\text{UV}}$	< 5 %	
Ultraviolet Rejection	> 95 %	
g value	0.81	0.73
Shading Coefficient	0.93	0.84
Total Solar Energy Rejected	19 %	27 %
Glare Reduction	1 %	11 %
U value, single glazing (W/m².K)	5.8	-
U value, double glazing, Air filled (W/m².K)	-	2.8
Emissivity, $\mathcal{E}_n$	0.92	
Thickness without liner	193 μ	
Film Colour / Appearance	Clear	
Installation position	Interior	
Warranty	10 years**	
Installation Notes: Safety and security films must be installed by trained and qualified personnel. Use Film On for installation.		

<sup>\*</sup> Please check the complete Film to Glass Thermal Stress Compatibility Guidelines **before** film installation. \*\* Contact Solutia Performance Films for full details. All values for engineering parameters are determined by the manufacturer and independent testing laboratories.



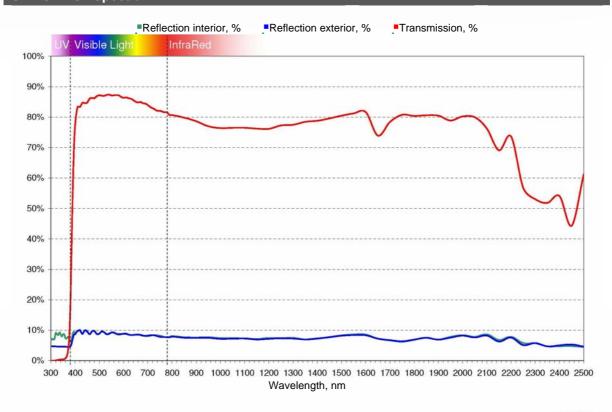


## SCL SR PS7

## **Features & Benefits**

- Clear safety film: Modifies glass to safe breakage in conformity with EN 12600
- Complies with EN 12600 Class 1(B)1 on 4 mm float glass
- Excellent transparency
- · Nearly invisible, once installed
- Scratch resistant coating: Excellent resistance to scratching and abrasion, increasing longevity and allowing easy cleaning
- High adhesive bond strength with glass enhances safety against impact, bomb blast and deliberate attack
- Acrylic heat resistant pressure sensitive adhesive with fast adhesion to glass
- Interior installation
- All safety and security films should only be installed by persons trained by Solutia Performance Films. Specific procedures must be followed.
- Features:
- Tensile Strength Machine direction 199 N / mm2; Transverse direction 148 N / mm2
- Yield Strength Machine direction 102 N / mm2; Transverse direction 107 N / mm2
- Elongation at Break Machine direction 70 %; Transverse direction 85 %
- Elongation at Yield Machine direction 6.5 %; Transverse direction 8 %

## SCL SR PS7 Spectra



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