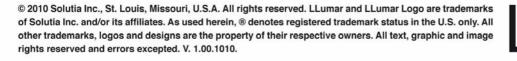
## R50 SR HPR

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, $\tau_e$	37 %	31 %
Solar Energy Reflection, $\rho_e$	27 %	26 %
Solar Energy Absorption, a <sub>e</sub>	37 %	43 %
Visible Light Transmission, $\tau_v$	47 %	43 %
Visible Light Reflection (External) , $\rho_{\text{Ve}}$	28 %	31 %
Visible Light Reflection (Internal) , $\rho_{\text{Vi}}$	27 %	29 %
Ultraviolet Transmission, $\tau_{\text{UV}}$	< 1 %	
Ultraviolet Rejection	> 99 %	
g value	0.45	0.51
Shading Coefficient	0.52	0.60
Total Solar Energy Rejected	55 %	49 %
Glare Reduction	46 %	51 %
U value, single glazing (W/m <sup>2</sup> .K)	5.5	-
U value, double glazing, Air filled (W/m <sup>2</sup> .K)	-	2.7
Emissivity, ɛn	0.79	
Thickness without liner	45 μ	
Film Colour / Appearance	Silver	
Installation position	Interior	
Warranty	7 years**	
Installation Notes: Use Film On for installation.		

\* 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.



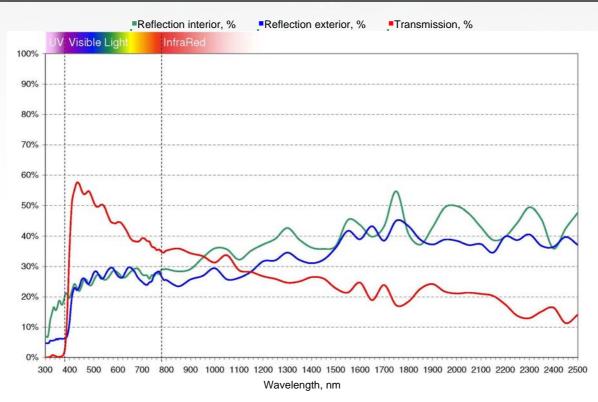


## R50 SR HPR

## Features & Benefits

- Reflective solar control and privacy film
- Improvement of working conditions due to a reduction in solar heat gain
- · Reduction in air-conditioning costs and hence a reduction in energy costs
- Excellent anti-UV protection integral to the polyester: helps to reduce fading of textiles, furniture, and works of art
- Scratch resistant coating: Excellent resistance to scratching and abrasion, increasing longevity and allowing easy cleaning
- Interior installation

## **R50 SR HPR Spectra**



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