

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, τ_e	37 %	31 %
Solar Energy Reflection, ρ_e	27 %	26 %
Solar Energy Absorption, a_e	37 %	43 %

Visible Light Transmission, τ_V	47 %	43 %
Visible Light Reflection (External) , ρ_{Ve}	28 %	31 %
Visible Light Reflection (Internal) , ρ_{Vi}	27 %	29 %

Ultraviolet Transmission, τ_{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 ² .K)	5.5	-
U value, double glazing, Air filled (W/m ² .K)	-	2.7

Emissivity, ϵ_n	0.79
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Thickness without liner	45 μ
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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.

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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

