

R20 SR CDF

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	14 %	12 %
Solar Energy Reflection, ρ_e	53 %	46 %
Solar Energy Absorption, a_e	33 %	42 %

Visible Light Transmission, τ_V	18 %	17 %
Visible Light Reflection (External), ρ_{Ve}	62 %	61 %
Visible Light Reflection (Internal), ρ_{Vi}	62 %	63 %

Ultraviolet Transmission, τ_{UV}	< 1 %
Ultraviolet Rejection	> 99 %

g value	0.21	0.30
Shading Coefficient	0.24	0.35
Total Solar Energy Rejected	79 %	70 %
Glare Reduction	79 %	81 %

U value, single glazing (W/m ² .K)	5.30	-
U value, double glazing, Air filled (W/m ² .K)	-	2.60

Emissivity, ϵ_n	0.71
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Thickness without liner	45 μ
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Colour Rendering Index, R_a	85	84
Film Colour / Appearance	Silver	
Installation position	Interior	
Warranty	10 years**	

Installation Notes: X-100 may be used 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
- Significant improvement of working conditions due to a high reduction in solar heat gain
- Reduction in air-conditioning costs and hence a reduction in energy costs
- Potential to reduce CO2 emissions by tens of tonnes per year
- Daylight privacy – ‘one way’ mirror
- Excellent glare reduction
- Clear Distortion Free polyester adhesive
- 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
- Also applicable as Decor & Design or Privacy film; also available as Safety Film

Spectra

