

VE50 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	35 %	30 %
Solar Energy Reflection, ρ_e	29 %	27 %
Solar Energy Absorption, a_e	36 %	43 %

Visible Light Transmission, τ_V	49 %	44 %
Visible Light Reflection (External) , ρ_{Ve}	25 %	28 %
Visible Light Reflection (Internal) , ρ_{Vi}	23 %	25 %

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

g value	0.42	0.48
Shading Coefficient	0.48	0.56
Total Solar Energy Rejected	58 %	52 %
Glare Reduction	45 %	50 %

U value, single glazing (W/m ² .K)	4.7	-
U value, double glazing, Air filled (W/m ² .K)	-	2.5

Emissivity, ϵ_n	0.45
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Thickness without liner	45 μ
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Film Colour / Appearance	Neutral Bronze
Installation position	Interior
Warranty	5 years**

Installation Notes: Not for use on glazing where condensation may occur. X-100 must not be used to install this film. 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

- Solar control insulation film
- Up to 24 % reduction of heat loss (single pane)
- 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, <0.1% UV Transmittance: helps to reduce fading of textiles, furniture, and works of art
- Scratch resistant coating for increased longevity and easy cleaning
- Interior installation

VE50 SR CDF Spectra

