

LEP70 SR CDF EnerLogic 70

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	47 %	40 %
Solar Energy Reflection, ρ_e	19 %	20 %
Solar Energy Absorption, a_e	34 %	40 %

Visible Light Transmission, τ_v	70 %	63 %
Visible Light Reflection (External), ρ_{ve}	8 %	14 %
Visible Light Reflection (Internal), ρ_{vi}	4 %	8 %

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

g value	0.52	0.55
Shading Coefficient	0.60	0.63
Total Solar Energy Rejected	48 %	45 %
Glare Reduction	21 %	29 %

U value, single glazing (W/m ² .K)	3.5	-
U value, double glazing, Air filled (W/m ² .K)	-	2.1

Emissivity, ϵ_n	0.099
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Thickness without liner	56 μ
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Film Colour / Appearance	Neutral clear
Installation position	Interior
Warranty	15 years**

Installation Notes: Special installation guidelines are available and must be followed for this product. This film does not require edge sealing. Not for use on glazing where condensation may occur.

* 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

- “Always on” technology gives year round all-season energy savings and carbon emissions reductions
- Up to 10 % savings on commercial building energy costs achievable
- Patent-pending, combined super-Low E ($\epsilon = 0,099$) + solar control coating – directs solar and radiant heat back to its source for good energy savings; > 90 % reflection of radiant heat
- Provides a perfect balance of energy efficiency, comfort and cost savings – improves working conditions
- Upgrades the annual insulating performance of single pane glazing to close to double pane glazing
- Ultra-low iridescence (rainbow) makes it fully compatible with many types of lighting, including high efficiency lighting
- Spectrally selective coating provides high visible light transmission with good solar energy rejection
- Low interior visible light reflection - lower than glass
- Excellent UV protection helps to reduce fading of textiles, furniture, and works of art
- Uniquely designed scratch resistant coating gives increased longevity & easy cleaning
- 15 years manufacturer-backed warranty

LEP70 SR CDF EnerLogic 70 Spectra

