

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

20 %

20 %

Solar Energy Absorption, a_e

33 %

39 %

Visible Light Transmission, τ_v

70 %

62 %

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

0.54

Shading Coefficient

0.60

0.63

Total Solar Energy Rejected

48 %

46 %

Glare Reduction

21 %

29 %

U value, single glazing (W/m².K)

3.5

-

U value, double glazing, Air filled (W/m².K)

-

2.1

Emissivity, ε_n

0.09

Thickness without liner

56 μ

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 ($\epsilon = 0,09$) + solar control coating – directs solar and radiant heat back to its source for good energy savings
- 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

