

AU85 UV 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

78 %

65 %

Solar Energy Reflection, ρ_e

8 %

13 %

Solar Energy Absorption, a_e

14 %

22 %

Visible Light Transmission, τ_v

89 %

80 %

Visible Light Reflection (External), ρ_{ve}

9 %

16 %

Visible Light Reflection (Internal), ρ_{vi}

9 %

16 %

Ultraviolet Transmission, τ_{UV}

< 0.1 %

Ultraviolet Rejection

> 99.9 %

g value

0.81

0.73

Shading Coefficient

0.93

0.84

Total Solar Energy Rejected

19 %

27 %

Glare Reduction

0 %

10 %

U value, single glazing (W/m².K)

5.90

-

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

-

2.80

Emissivity, ϵ_n

0.95

Thickness without liner

33 μ

Colour Rendering Index, R_a

99

97

Film Colour / Appearance

Clear

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

- Excellent UV filter film
- Museum grade UV filtering: excellent protection against fading of textiles, furniture, and works of art.
- Ideal for shop front windows and museums
- 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: Excellent resistance to scratching and abrasion, increasing longevity and allowing easy cleaning
- Extremely well adapted to single, double and double low-E insulating glazing systems
- Interior installation

Spectra

