

# 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,  $\tau_e$

**78 %**

**65 %**

Solar Energy Reflection,  $\rho_e$

**8 %**

**13 %**

Solar Energy Absorption,  $a_e$

**14 %**

**22 %**

Visible Light Transmission,  $\tau_v$

**89 %**

**80 %**

Visible Light Reflection (External),  $\rho_{ve}$

**9 %**

**16 %**

Visible Light Reflection (Internal),  $\rho_{vi}$

**9 %**

**16 %**

Ultraviolet Transmission,  $\tau_{UV}$

**< 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/m<sup>2</sup>.K)

**5.90**

**-**

U value, double glazing, Air filled (W/m<sup>2</sup>.K)

**-**

**2.80**

Emissivity,  $\epsilon_n$

**0.95**

Thickness without liner

**33  $\mu$**

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.

# AU85 UV SR HPR

## 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

