

AIR80 BL 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

46 %

39 %

Solar Energy Reflection, ρ_e

7 %

13 %

Solar Energy Absorption, a_e

47 %

48 %

Visible Light Transmission, τ_v

77 %

69 %

Visible Light Reflection (External), ρ_{ve}

9 %

16 %

Visible Light Reflection (Internal), ρ_{vi}

9 %

14 %

Ultraviolet Transmission, τ_{UV}

< 1 %

Ultraviolet Rejection

> 99 %

g value

0.56

0.63

Shading Coefficient

0.64

0.73

Total Solar Energy Rejected

44 %

37 %

Glare Reduction

12 %

21 %

U value, single glazing (W/m².K)

5.30

-

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

-

2.60

Emissivity, ϵ_n

0.71

Thickness without liner

45 μ

Colour Rendering Index, R_a

95

93

Film Colour / Appearance

Very light blue

Installation position

Interior

Warranty

5 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

- Very light blue tint - complements natural blue-green tint of glass
- Anti-UV protection integral to the polyester: 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
- Infra-Red blocking helps reduce solar energy transmission through the glazing
- Interior installation

Spectra

