



## DUAL REFLECTIVE FILMS

**Opalux® Dual Reflective films offers superior one-way privacy effects than conventional reflective solar control films, and is of particular use in combating severe solar heat gains and glare problems.**

The demand for a one-way mirror effect for privacy reasons and security measures increases daily with the proliferation of glass in buildings. To achieve a one-way mirror there must be a greater light level on the 'public' side of the glass than on the 'private' side; consequently, no one-way mirror effect is possible regardless of the balance of light either side of the glazing.

By using Opalux® Dual Reflective films you can reduce the normal required difference in balance of light levels to achieve a one-way mirror effect. They also help to alleviate the discomfort caused by excessive heat and by glaring reflections off computer screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations.

The films are applied internally and, in daytime, lend the glass a silver reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.



Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage +44 (0)845 026 1125 or email [solutions@opaluxwindowfilms.com](mailto:solutions@opaluxwindowfilms.com)

SOLAR CONTROL



## DUAL REFLECTIVE FILMS

### Dual Reflective 05

PERFORMANCE DATA		SO-05DR-ISR
SOLAR ENERGY	Transmitted	9%
	Reflected	53%
	Absorbed	38%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	16%
	Reflected (Exterior)	56%
UV Rejection		99%
Glare Reduction		92%
Shading Coefficient		0.23
Solar Heat Gain Coefficient (G-Value)		0.20
U-Value (W/m <sup>2</sup> K)		5.79
Total Solar Energy Rejected		80%
Product Warranty		10 years

### Dual Reflective 15

PERFORMANCE DATA		SO-15DR-ISR
SOLAR ENERGY	Transmitted	19%
	Reflected	36%
	Absorbed	54%
VISIBLE LIGHT	Transmitted	15%
	Reflected (Interior)	24%
	Reflected (Exterior)	36%
UV Rejection		99%
Glare Reduction		83%
Shading Coefficient		0.39
Solar Heat Gain Coefficient (G-Value)		0.34
U-Value (W/m <sup>2</sup> K)		5.79
Total Solar Energy Rejected		66%
Product Warranty		10 years

### External Grey/Silver 10

PERFORMANCE DATA		SO-10RGS-eSR
SOLAR ENERGY	Transmitted	7%
	Reflected	62%
	Absorbed	31%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	16%
	Reflected (Exterior)	56%
UV Rejection		99%
Glare Reduction		91%
Shading Coefficient		0.17
Solar Heat Gain Coefficient (G-Value)		0.15
U-Value (W/m <sup>2</sup> K)		5.92
Total Solar Energy Rejected		85%
Product Warranty		5 years vertical Up to 3 years sloping

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