



## TINTED GREY/BLACK WINDOW FILMS

**Opalux® grey/black window tints are non-metallised optically clear deep-dyed polyester window films used for tinting clear glass in a range of grey/black densities. They range from very light shades through intermediate shades to very dark shades.**

Lighter shades are mainly used for aesthetic, UV control or shading purposes. The darker shades in addition give high levels of glare control as required for computer screens etc. These films give varying levels of day-time privacy with a low mirror exterior appearance to the glass.

This range of films are useful for matching-up replacement clear panels with the original surrounding tinted glass

The darker shades need to be used with caution on double-glazed sealed units and laminated glass because of the high levels of heat absorption. This can be overcome, with lower risk, by using the outside weatherable version.

The outside version is also widely used for privacy, glare control or to screen blocked out windows. The outward face of the blocking out material behind the glass should be a uniform dark colour to prevent the detail of the blocking material from 'grinning' through the screening film.

Where appropriate you will be connected to an Opalux® approved dealer who can discuss your requirements, visit site if necessary, and provide costings for the film installation.



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

## TINTED GREY/BLACK WINDOW FILMS



### NR Slate 05

PERFORMANCE DATA		SO-05SL-ISR
SOLAR ENERGY	Transmitted	41%
	Reflected	8%
	Absorbed	51%
VISIBLE LIGHT	Transmitted	7%
	Reflected (Interior)	5%
	Reflected (Exterior)	5%
UV Rejection		99%
Glare Reduction		92%
Shading Coefficient		0.57
Solar Heat Gain Coefficient (G-Value)		0.50
U-Value (W/m <sup>2</sup> K)		N/A
Total Solar Energy Rejected		50%
Product Warranty		10 years

### NR Slate 20

PERFORMANCE DATA		SO-20SL-ISR
SOLAR ENERGY	Transmitted	47%
	Reflected	5%
	Absorbed	48%
VISIBLE LIGHT	Transmitted	20%
	Reflected (Interior)	5%
	Reflected (Exterior)	5%
UV Rejection		99%
Glare Reduction		77%
Shading Coefficient		0.70
Solar Heat Gain Coefficient (G-Value)		0.61
U-Value (W/m <sup>2</sup> K)		N/A
Total Solar Energy Rejected		39%
Product Warranty		10 years

### NR Slate 35

PERFORMANCE DATA		SO-35SL-ISR
SOLAR ENERGY	Transmitted	50%
	Reflected	5%
	Absorbed	45%
VISIBLE LIGHT	Transmitted	35%
	Reflected (Interior)	5%
	Reflected (Exterior)	5%
UV Rejection		99%
Glare Reduction		60%
Shading Coefficient		0.72
Solar Heat Gain Coefficient (G-Value)		0.63
U-Value (W/m <sup>2</sup> K)		N/A
Total Solar Energy Rejected		37%
Product Warranty		10 years

### NR Slate 50

PERFORMANCE DATA		SO-50SL-ISR
SOLAR ENERGY	Transmitted	65%
	Reflected	6%
	Absorbed	29%
VISIBLE LIGHT	Transmitted	50%
	Reflected (Interior)	5%
	Reflected (Exterior)	5%
UV Rejection		99%
Glare Reduction		43%
Shading Coefficient		0.75
Solar Heat Gain Coefficient (G-Value)		0.65
U-Value (W/m <sup>2</sup> K)		N/A
Total Solar Energy Rejected		35%
Product Warranty		10 years

### NR Slate 70

PERFORMANCE DATA		SO-70SL-ISR
SOLAR ENERGY	Transmitted	75%
	Reflected	6%
	Absorbed	19%
VISIBLE LIGHT	Transmitted	70%
	Reflected (Interior)	5%
	Reflected (Exterior)	5%
UV Rejection		99%
Glare Reduction		20%
Shading Coefficient		0.86
Solar Heat Gain Coefficient (G-Value)		0.75
U-Value (W/m <sup>2</sup> K)		N/A
Total Solar Energy Rejected		25%
Product Warranty		10 years

### External NR Grey 10

PERFORMANCE DATA		SO-10NRG-eSR
SOLAR ENERGY	Transmitted	53%
	Reflected	6%
	Absorbed	41%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	5%
	Reflected (Exterior)	4%
UV Rejection		99%
Glare Reduction		91%
Shading Coefficient		0.75
Solar Heat Gain Coefficient (G-Value)		0.65
U-Value (W/m <sup>2</sup> K)		6.05
Total Solar Energy Rejected		35%
Product Warranty		7 years vertical Up to 4 years sloping