



ONE-WAY PRIVACY FILMS

One-way privacy for daylight-facing windows is usually achieved with Opalux® Solar Reflective Films or Opalux® Dual Reflective Films, giving a mirror finish to the outside.

These films are optically clear when looking out during daylight hours, but give privacy and a visually pleasing uniform appearance looking in. One-way privacy does usually depend on all windows of an enclosed space being treated. One-way privacy can also similarly be achieved using one of the denser Opalux® low mirror films or one of the darker Opalux® window tints.

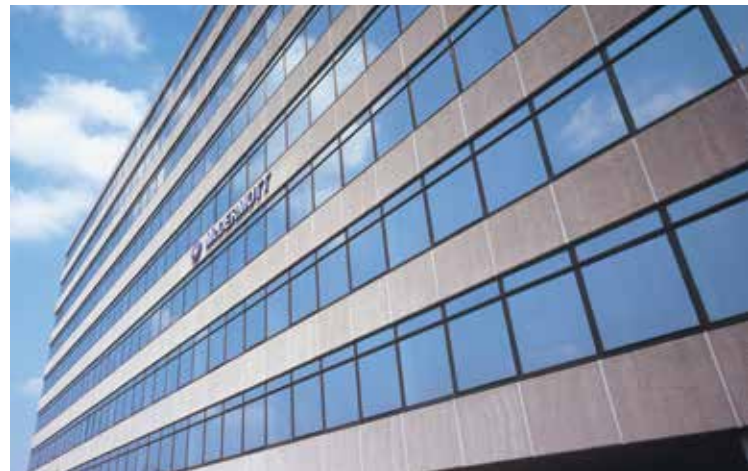
All these films are a deterrent to prying eyes, during the day, and also hide window clutter and other unwelcome interior features.

The one-way effect reverses after dark if you have interior lighting on so that you cannot see out as clearly but people can see in. This can be alleviated, particularly in twilight hours, by using an Opalux® dual reflective film. This type of film is particularly useful where outward vision is important, such as in a security gatehouse.

Where daytime privacy is provided by a one-way privacy film, night-time privacy would normally need to be provided by curtains or blinds.

Dual reflective films can also give one-way privacy for internal partition windows. But this crucially depends on the balance of light between the two sides.

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

*We always recommend a trial installation is carried out to determine satisfactory performance of the one-way effect in all lighting conditions and especially where the balance of lighting levels is uncertain i.e internal glazed partitions.



ONE-WAY PRIVACY FILMS

Reflective Silver 20

PERFORMANCE DATA		SO-20RS-iSR
SOLAR ENERGY	Transmitted	13%
	Reflected	52%
	Absorbed	35%
VISIBLE LIGHT	Transmitted	16%
	Reflected (Interior)	56%
	Reflected (Exterior)	55%
UV Rejection		99%
Glare Reduction		82%
Shading Coefficient		0.25
Solar Heat Gain Coefficient (G-Value)		0.22
U-Value (W/m ² K)		5.51
Total Solar Energy Rejected		78%
Product Warranty		10 years

Also available in an exterior alternative, refer to product External Silver 20 (SO-20RS-eSR)

Grey/Silver 10

PERFORMANCE DATA		SO-10RGS-iSR
SOLAR ENERGY	Transmitted	8%
	Reflected	54%
	Absorbed	38%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	16%
	Reflected (Exterior)	52%
UV Rejection		99%
Glare Reduction		91%
Shading Coefficient		0.23
Solar Heat Gain Coefficient (G-Value)		0.20
U-Value (W/m ² K)		5.63
Total Solar Energy Rejected		80%
Product Warranty		10 years

Also available in an exterior alternative, refer to product External Grey/Silver 10 (SO-10RGS-eSR)

Neutral Grey 20

PERFORMANCE DATA		SO-20NG-iSR
SOLAR ENERGY	Transmitted	14%
	Reflected	27%
	Absorbed	59%
VISIBLE LIGHT	Transmitted	18%
	Reflected (Interior)	18%
	Reflected (Exterior)	19%
UV Rejection		99%
Glare Reduction		80%
Shading Coefficient		0.34
Solar Heat Gain Coefficient (G-Value)		0.30
U-Value (W/m ² K)		5.66
Total Solar Energy Rejected		70%
Product Warranty		10 years

Also available in an exterior alternative, refer to product Sputtered Grey 20 (SO-20SG-eSR)

Grey/Silver 15

PERFORMANCE DATA		SO-15RGS-iSR
SOLAR ENERGY	Transmitted	11%
	Reflected	51%
	Absorbed	38%
VISIBLE LIGHT	Transmitted	15%
	Reflected (Interior)	24%
	Reflected (Exterior)	54%
UV Rejection		99%
Glare Reduction		83%
Shading Coefficient		0.24
Solar Heat Gain Coefficient (G-Value)		0.21
U-Value (W/m ² K)		5.69
Total Solar Energy Rejected		79%
Product Warranty		10 years

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 ² K)		N/A
Total Solar Energy Rejected		50%
Product Warranty		10 years

Also available in an exterior alternative, refer to product NR Grey 10 (SO-10NRG-eSR)

SOLAR CONTROL