



SAFETY WINDOW FILMS FOR BOMB-BLAST & INDUSTRIAL EXPLOSION

The threat of terrorism is unfortunately on the increase worldwide. Building, security and risk managers need to assess the risk and prepare ahead of time. Flying shards of glass in the event of an explosion have proved to be lethal for personnel but also very costly due to the wrecking of interior decor, IT systems, furniture and equipment.

While a large explosion may virtually demolish a building, it is the buildings in the vicinity or further away, with their workers, that are at risk of having their windows shattered and blown in and therefore would benefit from bomb-blast protection. If the windows are held in place, although shattered, not only would the occupants be shielded from flying glass but also the interior contents and decor would be protected from the elements.

A professional installation of Opalux® bomb-blast window film is a straightforward quick retro-fit solution to help protect staff and property, and is a simple and cost-effective provision, ahead-of-time, against these risks.

Many buildings in Central London and other large cities have been treated in the past with safety film to help protect people and property against bomb-blast. Likewise industrial plants and other vulnerable buildings, often away from heavily populated areas, have treated their glazing against bomb-blast or industrial explosion.

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

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175-Micron Clear

PERFORMANCE DATA		SA-175CL-ISR
SOLAR ENERGY	Transmitted	77%
	Reflected	9%
	Absorbed	14%
VISIBLE LIGHT	Transmitted	87%
	Reflected (Interior)	11%
	Reflected (Exterior)	11%
UV Rejection		98%
Glare Reduction		1%
Shading Coefficient		0.92
Solar Heat Gain Coefficient (G-Value)		0.80
U-Value (W/m ² K)		6.07
Total Solar Energy Rejected		20%
Product Warranty		10 years

200-Micron Clear

PERFORMANCE DATA		SA-200CL-ISR
SOLAR ENERGY	Transmitted	77%
	Reflected	10%
	Absorbed	13%
VISIBLE LIGHT	Transmitted	87%
	Reflected (Interior)	10%
	Reflected (Exterior)	10%
UV Rejection		98%
Glare Reduction		1%
Shading Coefficient		0.92
Solar Heat Gain Coefficient (G-Value)		0.80
U-Value (W/m ² K)		6.08
Total Solar Energy Rejected		20%
Product Warranty		10 years

300-Micron Clear

PERFORMANCE DATA		SA-300CL-ISR
SOLAR ENERGY	Transmitted	75%
	Reflected	11%
	Absorbed	14%
VISIBLE LIGHT	Transmitted	86%
	Reflected (Interior)	10%
	Reflected (Exterior)	10%
UV Rejection		98%
Glare Reduction		2%
Shading Coefficient		0.89
Solar Heat Gain Coefficient (G-Value)		0.77
U-Value (W/m ² K)		6.07
Total Solar Energy Rejected		23%
Product Warranty		10 years