

SAE SYSTEMS

FT800 Blast Mitigation / Glass Containment Film

The greatest danger in a blast attack is from flying shards of glass, causing 90% of all bomb-related injuries. Even if not considered to be a target, powerful shockwaves from this type of high-velocity attack emanate in all directions causing devastation for miles around.



FT800™ film is an immediate and cost-effective installation of high-tensile strength, multi-ply glass containment window film which will significantly reduce the hazards of flying glass, holding broken glass safely to the film thereby dramatically reducing injury and damage whilst also minimising clear-up time. Professionally installed with the minimum of disruption by a highly skilled team of operators. Glass protection film could be the solution you are looking for as part of your Business Continuity and Emergency Planning procedures.

MECHANICAL PROPERTIES

Construction	2 PLY
Film Thickness	211 micron
Tensile Strength at Break (MD/TD)	> 2000 (kg/cm ²)
Elongation at Break (MD)	> 170%
Peel Strength (After Curing)	> 3.25 kg/inch
Impact Test	BS EN 12600 1B BS 6206 A ANSI Z97.1 A

PERFORMANCE/FENESTRATION DATA

Solar Energy Rejected	15%
Solar Heat Gain Reduction	2%
Glare Reduction	0%
Shading Coefficient	0.98
Total Solar Transmission	81%
Total Solar Absorption	12%
Total Solar Reflection	7%
Visible Light Transmission	91%
Visible Light Reflection	8%
Ultraviolet Transmission	<2%
'U' Factor	1.12
Emissivity	0.88

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FEATURES & BENEFITS

Glass Fragmentation Containment ~ Anti-Shatter/Bomb Blast Protection/Spontaneous Fracture
Protects Against Deliberate Attack~ Increased Glazing Security
Upgrades Sub-standard Glazing~ Meets HSE Legislation for Safety Glazing
Reduces Ultraviolet Radiation ~ Protects Against Fading

GLAZING TREATMENTS

Safety and Security (Anti-Shatter) Films are suitable for application to windows, structural glazing, curtain walling, glazed partitions, glass exteriors, rooflights and atrium roofs to efficiently and economically increase glazing safety in the event of breakage or failure.

SCRATCH RESISTANT

All internal grade Technical Window Films have a patented "SRC" Scratch Resistant Coating to protect the product and avoid the appearance of scratches during normal handling and cleaning practices.

FILM - GLASS COMPATIBILITY GUIDELINES

GLASS TYPE:	CLEAR S/G	CLEAR D/G	TINTED S/G	TINTED D/G
FLOAT/ANNEALED	YES	YES	YES	YES
TOUGHENED	YES	YES	YES	YES
LAMINATED	YES	YES	YES	YES
GEORGIAN WIRE	YES	YES	YES	YES



FT800 Glass Containment Film

All values are as applied to 6mm clear glass as determined by the manufacturers and independent testing laboratories