



Bomb Blast Film Protection (200-micron – Clear)

The safety and security window films installed by Able Install are designed to make glass safer, both by strengthening it against breakage and helping hold dangerous shards of shattered glass in situations where breakage does occur.

Tested and certified to EN 12600 Class 1B1, Able Install 200-micron clear safety & security film is used to help comply with current government guidelines for bomb-blast protection. Multi-laminate safety & security film is now widely used by government agencies as well as many commercial organisations concerned to address the real corporate risk of bomb-blast, or industrial explosion at or near their premises. Able Install safety and security window films are

suitable for use in many applications in the workplace and home. Other benefits can include improved security by creating a deterrent to ‘smash-and-grab’ crime, and providing protection against the vandalism of glass through graffiti such as the etching or scratching of glass. Also, when used in conjunction with edge-retention profiles enhanced security and blast protection can be achieved.

Features	Benefits
High optical clarity	Clear, non-tinted appearance on glass
Quick, retro-fit installation	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

Performance Data	
Total Solar Energy Transmitted	81%
Reflected	98%
Absorbed	12%
Visible Light Transmitted	91%
Reflected	8%
Ultra-Violet Transmission	<2%
Shading Coefficient	0.98%
Total Solar Energy Rejected	85%

Mechanical Properties	
Thickness	211 micron
Ply	2
BS6026 Impact Test	Class A (pass)
European Glass Standard Glazing Materials Test	BS EN12600 Class 18
American National Standard Glazing Materials Test	NSI Z97.1 Class A
Peel Strength after one week	Above 3.25kg/inch
Tensile Strength at Break	Above 2000kg/cm2
Elongation at Break MD	>170%

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