Safety & Security Film 100-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 282. Able Install 100-micron clear safety and security film is used as a minimum specification for safety film and can be used by organisations to address Regulation 14 of the Workplace (Health, Safety and Welfare) Regulations 1992 by upgrading low-level glazing where necessary for reasons of health and safety.

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' and forced entry crime, and providing protection against the vandalism of glass through graffiti such as the etching or scratching of glass.

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	77%
Reflected	9%
Absorbed	14%
Visible Light	
Transmitted	85%
Reflected	11%
Ultra-Violet Rejected	90%
Shading Coefficient	0.93%
Total Solar Energy Rejected	19%

Mechanical Properties	
Thickness	100 micron
Tensile Strength at Break	28,500 psi
Break Strength	112 il/inch
Elongation at Break	125%
Peel Strength	7lb/in
Ply	1
EN12600	2B2

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