



HIGH PERFORMANCE WINDOW FILMS

~PROVIDING SECURITY & COMFORT~

SAFETY & SECURITY FILM

200 Micron - Clear

Enhanced Glass Safety & Protection

High Performance Window Films' **200-Micron Clear Safety Film** is designed to **reinforce glass** by increasing its resistance to breakage and **holding dangerous shards in place** when breakage does occur. This makes it ideal for **workplaces, commercial spaces, and residential applications** where safety and compliance with regulations are required.

Tested and certified to **EN 12600 Class 1B1**, this film helps organisations meet **government guidelines for bomb blast protection** and provides enhanced **security against forced entry and vandalism**. It serves as an effective deterrent against **smash-and-grab crimes and graffiti etching**. When used in conjunction with **edge-retention profiles**, enhanced security and blast protection can be achieved.

☀️ FEATURES & BENEFITS

◆ Key Features:


- ✓ High optical clarity
- ✓ Quick, retro-fit installation
- ✓ Blocks harmful UV rays

☀️ Key Benefits:


- ✓ **Virtually invisible** once applied, maintaining a clear glass appearance
 - ✓ Ideal for **retrofitting existing glass**, avoiding costly replacements
 - ✓ Suitable for **most non-abrasive window-cleaning methods**
 - ✓ Reduces **fading of interior furnishings** caused by UV exposure
 - ✓ Enhances security by mitigating risks of **forced entry and vandalism**
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Where to Use:

 **Commercial & Office Buildings** – Enhance safety and comply with workplace regulations.

 **Residential Homes** – Protect windows and glass doors from accidental breakage.

 **Healthcare Facilities** – Improve patient and staff safety in glazed areas.

 **Retail Spaces** – Deter smash-and-grab crimes and vandalism.



PERFORMANCE DATA

Property	Value
Solar Energy Transmitted	77%
Solar Energy Reflected	10%
Solar Energy Absorbed	13%
Visible Light Transmitted	87%
Visible Light Reflected (Interior)	10%
Visible Light 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 (Internal)	10 years



PHYSICAL PROPERTIES

Property	Value
Description	Clear
Film Thickness	200-Microns (8-thou)
Structure	Multi Laminate
Tensile Strength	28,500 PSI
Break Strength	220 Pounds per Inch (width)
Adhesive Type	Acrylic Pressure Sensitive
Peel Strength	6 to 7 Pounds per Inch

Installation & Compliance

- ✓ Designed for **interior application** on glass surfaces
 - ✓ Meets **EN 12600 Class 1B1** for safety compliance
 - ✓ Helps organisations comply with **bomb blast protection guidelines**
 - ✓ **Exterior grade version available**
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📞 **GET A FREE CONSULTATION TODAY!** Speak with one of our specialists to **find the perfect safety and security film for your space.**

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📌 *Enhance security and glass protection today with High Performance Window Films' **safety and security solutions!***