

GLASS...

THE WEAKEST LINK.



PENTAGON FORTIFIES THE WEAKEST LINK

In today's world glass is taken for granted. It is an integral part of almost all buildings such as schools, hospitals, hotels and restaurants. It is used to supply natural light and to provide visibility in at a retailer's merchandise or outward to the surrounding views. Unfortunately, having these large areas of glass can cause some unwanted problems.

The glass windows and doors have become the primary point of entry during "smash and grab" invasions. Statistics show that more than 70% of burglaries involve forced entry thorough the weakest link... the glass. Since events such as the Oklahoma City bombing, 9-11 and recent hurricane seasons, we have become keenly aware of the vulnerability of glass.

One commonly used solution to the problem is the addition of a polyester safety film. Thick safety films do a good job of holding the glass fragments together in the event of breakage. This is why they are referred to as "Safety films" or "fragment retention films". Holding the shards of glass together creates a safer work place... but not necessarily a more secure one. If the filmed glass is broken with enough force, it could be blown out or knocked out of its frame.

The performance of safety film can be greatly enhanced through the use of an anchoring system. This system helps to prevent the entire pane of glass from being blown out of the window frame. The most critical step in creating a safer and more secure glass system is to anchor or attach the safety film to the window or door frames.



TOTAL GLASS PROTECTION

Pentagon Elite™ "anchoring" systems are designed to secure the applied film to the window frame. This creates a far more substantial protective solution than film alone in extreme situations such as bomb-blast, burglary or hurricanes. The system is tested to ISO 16933 Standard which achieves a GSA Class 3A Rating.

PENTAGON ELITE™

Flexible Anchoring Profile... Elite can be easily fitted to most commercial style windows to securely attach the safety film directly to the frame. During an attempted break in, catastrophic wind-storm or even a nearby explosion, the Elite Protection System fortifies your building's weakest link. Elite is available in a range of sizes and in a variety of colors.

GSA GLAZING PERFORMANCE CRITERIA

Achieved Class 3A Rating Hazard Level Low with a Protection Level of High.



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