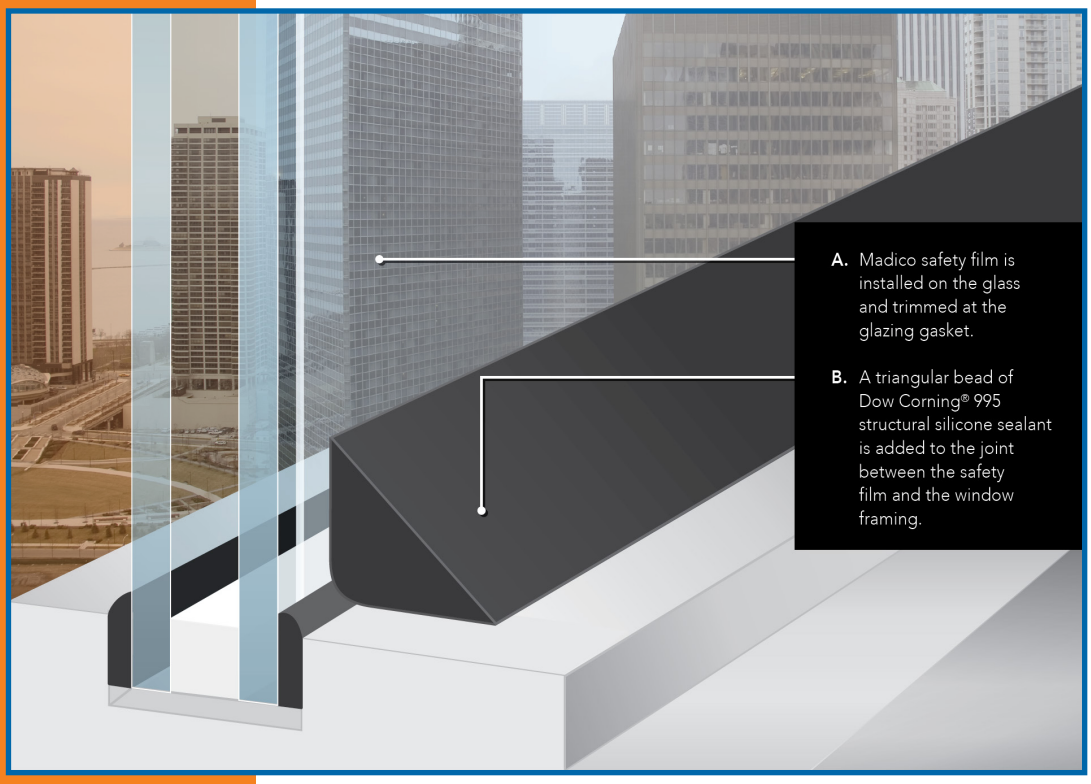
Anchoring Systems

Wet Glaze

SAFETYSHIELD®
BY MADICO

In the event of glass breakage, the Wet Glaze Anchoring System, when combined with Madico SafetyShield window film, is designed to absorb and disburse the energy that the filmed glass is subjected to and transfer the reduced load over the entire glazed opening. By absorbing and distributing the load, the system is designed to retain the filmed glass in the opening and thus reduce the probability of glass fragments and debris from entering the room. The Wet Glaze System is economically viable in retrofit applications.



Certified Performance:

SafetyShield 800 with 4-sided Wet Glaze Anchoring System achieves a GSA level 3A performance condition when tested to open range blast loads of 9.0 PSI (62kPa) and 46.0 PSI-ms (317 kPa-ms) on monolithic, annealed glass. A GSA performance condition 2 is achieved when tested to open range blast loads of 7.74 PSI (53kPa), 42.1 PSI-ms (288kPa-ms) on annealed insulated glass units.

Many high performance applications designed to withstand an applied force are built around a sealant bite of 3/8 inch for wind load applications and 1/2 inch for blast mitigation. These specifications have proven to perform well in a wide variety of tests. It is critical to performance that the product is installed exactly as tested by Madico. A triangular sealant joint connecting the film to the supporting framing members is required to achieve the full effect of the Wet Glaze system. Concave joints and/or film that does not reach to the edge of the daylight opening will compromise the effectiveness of this attachment method. We recommend the use of Dow Corning® 995 Silicone Structural Adhesive as our testing is based on the use of this high-performing sealant.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico Technical Services.

All information reported to the best of our knowledge. Independent test results available upon request.

For decades, Madico Window Films has been at the forefront of glass and window safety. Our systems are the most strenuously tested and designed in the industry and meet or surpass more government and international safety requirements than the competition.

We offer several patented and proprietary anchoring systems that work in conjunction with the application of our SafetyShield window films. A variety of systems are offered to ensure we meet the required level of security specified and to best fit the glazing system. Our network of certified Premier Partners will work closely with you to determine your unique risk level and to select the system that best fits your needs. To learn more, visit www.safetyshield.com.

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MADICO®
The Clear Choice for Safety Glazing Systems