## SAFETYSHIELD® 800

## Test Data:







Top: A category C blast load, 4psi 30psi/ms is detonated.

Middle: Shock wave breaking untreated window. Glass fragments are blown into the building creating a deadly hazard.

Bottom: Shock wave hitting treated window with SafetyShield 800 and four-sided Frame-Gard attachment system. Performs to GSA conditions 2.

## Properties:

ImpactANSI Z-97.1CPSC 16 CFR Part 1201Category II
<b>Hurricane</b> ASTM E-1886/E-1996 Large Missile Impact Category B
Wind Storm +/-100 psf Tested on 3/16" tempered patio door with silicone wet glaze attachment to ASTM E-1886/E-1996.
Blast Mitigation  Attachment System GSA Performance Condition  4 Side FrameGard®
Accelerated Weathering Miami/Dade Criteria, 4500 hours Xenon Arc Per: ASTM G26-95 Pass
Puncture Strength ASTM D-4830-88
Tear Strength           ASTM D-1004         > 18 lbf.           ASTM D-2582         33.016 Average Tear           Force (Newtons)
Surface Burn Characteristics: ASTM E-84         Flame Spread Index

Optical Properties
Total Solar Energy
Transmitted
Reflected
Absorbed
Visible Light
Transmitted
Reflected Interior
Reflected Exterior
"U" Factor (winter)
Ultraviolet Light Rejected
Shading Coefficient
Solar Heat Gain Coefficient
Total Solar Energy Rejected
Physical Properties
Structural Component
Film Thickness
Structure Multiply Laminate
Tensile Strength 32,000 PSI Average MD/TD
Break Strength 240 lbs./inch (Width) Avg.
Adhesive Type Acrylic Pressure Sensitive
Peel Strength 5 to 6 lbs./inch



A Madico SafetyShield Premier Partner

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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 of any sort, contact Madico or your local Madico window film dealer.

Wherever there is glass, we can

Ignition Properties: ASTM-D-1926-96