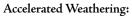
SAFETYSHIELD[®]

SafetyShield 700

Test Data:

*SafetyShield 700 with 4 side mechanical anchoring receives a performance condition 3A, minimal hazard, when tested to GSA and ISO 16933 blast levels of 4 PSI and 28 PSI/ms. When installed in a day light configuration, SS-700 receives a GSA level 3B and ISO minimal hazard rating at 4 PSI and 28 PSI/ms.



CPSC 1200 hours

Top: Blast explosion.

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 film

and four-sided attach-

ment system.

Puncture Strength:	
ASTM 4830	115 lbs

Tear Strength:

ASTM D-2582 . . . 29.4 Average Tear Force (Newtons)

Surface Burn Characteristics ASTM E-84:

Flame Spread Index	٠	٠	٠	٠	٠	٠	٠	٠	٠	"A" Rating
Smoke Developed Index	٠	٠	٠					٠		"A" Rating

Ignition Properties ASTM-D-1929-96:

Flash Ignition Temp.			٠					٠	.760°F
Self-Ignition Temp		٠	٠	٠		٠	٠		.880°F

Properties:

Total Solar Energy:
Transmitted %
Reflected %
Absorbed %
Visible Light:
Transmitted %
Reflected Exterior %
Reflected Interior %
Glare Reduction %
Solar Heat Gain Coefficient
Shading Coefficient
Luminous Efficacy
Total Solar Energy Rejection %
Infrared Rejection %*
U Factor
Emissivity
Ultraviolet Rejection % Exceeds 99.0

Physical Properties:

Film Thickness
Structural Component 0.007"
Structure Single Ply
Adhesive Type Acrylic Pressure Sensitive
Tensile Strength 32,000 PSI Avg. MD/TD
Break Strength 210 Pounds Per Inch (Width)
Peel Strength 5 to 6 Pounds Per Inch

Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm clear glass.

* Near IR range (780-2500nm) Technical specification definitions can be found at www.safetyshield.com.

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.



2630 Fairfield Avenue South, St. Petersburg, FL 33712 U.S.: 888-887-2022 • Intl.: 727-327-2544 windowfilm@madico.com • www.madico.com Charter member of the IWFA