

3M™ SCOTCHSHIELD™ SAFETY & SECURITY WINDOW FILM

Ultra Series — Spec Sheet & Warranty

3M Scotchshield Ultra Series is a clear safety and security film that helps hold glass together on impact from forced entry, storms, and blast overpressure. Guardian Bastille installs Ultra Series film with wet-glaze and mechanical (3M™ IPA) structural attachment for high-retention applications.

- Can help meet safety glazing code requirements (ANSI Z97.1 Class A, Unlimited Size).
- Available in multiple thickness tiers for different threat and retention requirements.
- 3M security window film is designed to help hold glazing together on impact — it is not bulletproof and is not designed to stop intruders or prevent all property damage or injury.

Performance Specifications (per 3M Technical Data Sheet)

Specification	S600	S800
Visible Light Transmission	87%	88%
UV Transmission	<0.5%	<1%
Nominal Thickness	6 mils	8 mils (9 mils w/ adhesive)
Tensile Strength (MD / TD)	32,000 / 32,000 psi	33,000 / 30,000 psi
Break Strength (MD / TD)	210 / 210 lb/in	265 / 240 lb/in
Safety Glazing Rating	ANSI Class A, Unlimited	400 ft-lb (ANSI Z97.1 Class A)

Source: 3M Scotchshield Safety & Security Window Film S600 and Ultra S800 Technical Data Sheets. Tested per ASTM E903 (optical) and ASTM D882 (tensile/break strength).

Commercial Warranty Coverage

Coverage	Term	Notes
Glass Breakage	5 years*	Up to \$2,000/window, direct result of film application
Seal Failure	3 years	Insulated glass unit seal failure
Film Performance	10–12 years	Varies by installation and attachment system

*Requires professional installation by an authorized 3M window film dealer and warranty registration.

→ [View 3M's official Technical Data Sheet: 3M Scotchshield Ultra S800 TDS](#)

→ [View 3M's official Commercial Warranty Bulletin](#)

Performance values above are transcribed from 3M's published Technical Data Sheet for this product and are provided for specification and bidding reference. Values are measured on 1/4" clear glass unless noted; actual field performance varies by glass type and installation. Consult the linked 3M documents for complete, current technical and warranty terms.

This guide is provided by Guardian Bastille, LLC for reference during specification and bidding. It does not modify or supersede 3M's published technical or warranty terms. Guardian Bastille is a 3M Prestige Dealer; this document does not represent 3M certification of any project.