



Safety and Security Laminate for Glass by Armor Dynamics is a micro-thin transparent product which revolutionizes regular glass windows into barriers that can resist the force of small firearms, bombs, projectiles and extreme weather. Our security laminates can be retrofitted or applied to new glass installations, helping to increase safety, security and comfort. Once applied to the glass, a bonding process occurs, leaving the glass fortified with a substantially higher break strength.

PRODUCT LINE



200 Series - Security

Recommended for store front businesses, offices, houses, apartments, vehicles, schools, hospitals and other institutions.



300 Series - Bullet and Bomb Resistance

Recommended for banks, embassies, government and military buildings, store front businesses, houses, apartments, vehicles, schools, hospitals and other institutions.

* This product has been tested by a third-party for safety impact, burglary, hurricane resistance, bomb blast mitigation and bullet resistance. All tests meet or exceed test standards, which are available upon request.



Protecting
People and Property
Worldwide

PRODUCT INFORMATION SHEET

PRODUCT SERIES	200 SERIES - ENHANCED MEDIUM THREAT RISK PROTECTION
PRODUCT NAME	SL9 (Security Film, 9 mil)
THICKNESS	9mil / 229microns
No. of PLYs	2
TECHNICAL DATA	<ul style="list-style-type: none"> • Break Strength 221lbs./inch (width) • Tensile Strength 28,000psi • Peel Strength 8lbs./inch • Mounting Adhesive PS High Bond Acrylic Adhesive 14lbs. per ream • Visible light transmitted - 92% • UV Rejection - 99% • Solar Energy Transmitted - 82% Reflected - 10% Absorbed - 8% • Shading Coefficient - 0.94 U Factor - 1.02-1.13 • Total Solar Energy Rejected - 17%
THIRD PARTY TESTING RESULTS	<p>safety — [ANSI - Z97.1 - Impact Resistant Safety Glazing CPSC - 16CFR, Part 1201 Cat I & II - Safety Glazing</p> <p>bombs — General Service Administration - GSA 1 & GSA 2 Ltd</p> <p>burning — ASTM E84 - Surface Burning Characteristics</p>
WARRANTY	LIMITED LIFETIME
INSTALLATION	PROFESSIONAL FACTORY TRAINED TECHNICIANS

web: www.usace.com
email: INFO@usace.com



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PRODUCT INFORMATION SHEET

PRODUCT SERIES	300 SERIES - HIGH THREAT RISK PROTECTION
PRODUCT NAME	SL14 (Security Film, 14 mil)
THICKNESS	14mil / 356microns
No. of PLYs	3
TECHNICAL DATA	<ul style="list-style-type: none"> • Break Strength 350lbs./inch (width) • Tensile Strength 28,000psi • Peel Strength 7lbs./inch • Mounting Adhesive PS High Bond Acrylic Adhesive 14lbs. per ream • Visible light transmitted - 92% • UV Rejection - 99% • Solar Energy Transmitted - 82% Reflected - 10% Absorbed - 8% • Shading Coefficient - 0.93 U Factor - 1.02-1.13 • Total Solar Energy Rejected - 17%
THIRD PARTY TESTING RESULTS	<p>bombs — [General Service Administration - GSA 1 & GSA 2 Ltd Blast Mitigation Action Group - BMAG Level 1</p> <p>bullets — UL/ULC 752 - 1995 Bullet Resisting Material Level II</p> <p>break-ins — ULC S332 - 93 Burgulary Resistant Material</p> <p>burning — ASTM E84 - Surface Burning Characteristics</p> <p>safety — [ANSI - Z97.1 - Impact Resistant Safety Glazing CPSC - 16CFR, Part 1201 Cat I & II - Safety Glazing</p>
WARRANTY	LIMITED LIFETIME
INSTALLATION	PROFESSIONAL FACTORY TRAINED TECHNICIANS

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