



PRODUCT DESCRIPTION

Safe Haven Defense SW440BR laminate offers protection for small arms bullet resistance as well as glass breakage due to burglaries, hurricanes, and blast. **SW440BR incorporates an extraordinary capability in protection by allowing individuals INSIDE the structure to fire OUT, while maintaining directional bullet and blunt force resistance from external threats.**

TECHNICAL DATA

| | |
|------------------------------|----------------------|
| PROTECTION LEVEL | Exigent Protection |
| THICKNESS (1 layer) | Varies |
| NUMBER PLIES | Varies |
| BREAK STRENGTH | Starting at 1200 psi |
| TENSILE STRENGTH | 32,000psi |
| PEEL STRENGTH | 6psi |
| TOTAL SOLAR ENERGY REJECTION | 20% |
| IR REJECTION | 59% |
| UV REJECTION | 99% |



CERTIFICATIONS & STANDARDS

ANSI Z97.1 – Bldg Glaze Materials

CPSC 16 CFR 1201 – Impact Test

ASTM E-1886 – Hurricane Wind

GSA EXPLOSIVE TEST: GSA TS01-2003

BMAG Level 1- Blast Mitigation

UL972 / ULC – 332 – Burglary Protection

NIJ 0108.01 –

Bullet Resistance

(3rd Party Lab)

UL752 –

Bullet Resistance

(3rd Party Lab)



USES/APPLICATION

Safe Haven Defense SW440BR laminate is applied onsite, to the **INTERIOR** of existing windows in commercial, municipal and residential buildings. Unlike traditional BR Glass, no special modifications or retrofitting to existing structure needs to be done. Because our laminate can be applied over **existing glass as thin as ¼ inch, Dual Pane ¼ inch and ½ Inch**, customers achieve the end goal of hardening their structure at a significant cost savings to traditional BR Glass

*existing window must be inspected to be structurally sound. Window must be free from debris and thoroughly cleaned prior to application.

Visit WWW.SAFEHAVENDEFENSE.COM to watch demos of 1 Directional Bullet Resistance