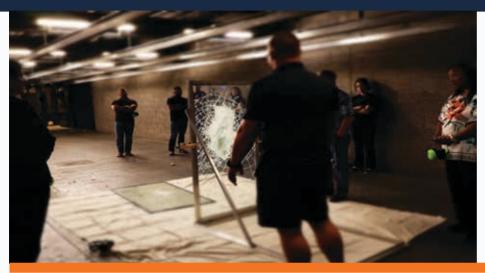
PRODUCT DATA SHEET



SW450 Smash Resistant System





Live Demo Video and Product Page

USES / APPLICATION

Safe Haven Defense SW450 laminate is applied onsite, to the interior of existing windows in commercial, municipal, and residential buildings. Unlike traditional smash resistant glass, no special modifications or retrofitting to existing structures is required. As our laminate may be applied over existing glass as thin as dual pane 1/8" and single pane 1/4", customers achieve their end goal of hardening their structure at a significant cost savings to traditional SR glass. Existing windows must be inspected for damage and be structurally sound prior to application.

TECHNICAL DATA

THICKNESS: 15 MIL

NUMBER PLIES: MULTIPLE

BREAK STRENGTH: 450 PSI

TENSILE STRENGTH: 32,500 PSI

PEEL STRENGTH: 6 PSI

TOTAL SOLAR ENERGY REJECTION: 20%

IR REJECTION: 59%

UV REJECTION: 99%

LIFETIME LIMITED WARRANTY

LAB TESTING

ANSI Z97.1 - BLDG GLAZE MATERIALS

CPSC 16 CFR - ARCHITECTURAL GLAZING

GSA EXPLOSIVE TEST: GSA TS01-2003

BMAG LEVEL 1 – BLAST MITIGATION

ASTM E1996 - HURRICANE WIND