

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

