



PROTECTING THE FUTURE



BEST-IN-CLASS SECURITY GLAZING

SAFER PUBLIC SPACES

Hartung SchoolShield high performance security glass is certified to be effective in deterring or slowing down intruders until help arrives. In addition to schools, libraries and medical buildings, **SchoolShield Level One forced entry & blast-resistant glazing** has been tested to substantially reduce injury from flying glass resulting from a direct blast and can be used in detention facilities or other installations with high risk of attack from hand-held/thrown objects such as hammers, crowbars, bats, knives, bricks, and rocks.

SchoolShield Level Two ballistic/blast resistant is rated to resist penetration from firearm ammunition and provides an increased level of security against blasts and forced entry attack.



PRODUCT FEATURES

- Applicable to windows and doors installed in schools, commercial, medical, public, worship and other building types
- Delays entry by intruders
- Allows law enforcement time to respond
- Allows buildings time to lock down
- Deters opportunistic entry
- Certified forced entry resistant against blunt impact, sharp impact, and thermal stress
- School district budget friendly options
- Two levels of protection available
 - Level 1: Certified Forced Entry & Blast-Resistant
 - Level 2: Certified Forced Entry & Ballistic/Blast-Resistant

PROTECTING LIVES, PREVENTING LOSSES

SCHOOLSHIELD LEVEL ONE FORCED ENTRY & BLAST-RESISTANT

- Proprietary monolithic laminated
- Overall thickness: 3/8-in. nominal
- Annealed and heat treated available
- Thicker glass and interlayers available
- Monolithic or IGU make-ups available
- Maximum dimension - 60-in. x 120-in.
- Forced Entry Ratings and Compliance
 - ASTM E2395-18 Level 5
 - ASTM F1233 Class 1
 - UL 972
 - CPSC 16 CFR 1201 Cat I & Cat II
 - ANSI Z97.1
 - ASTM C1036
 - ASTM C1048
 - ASTM C1172
 - Blast Resistance
 - Hurricane Large & Small Missile Impact
 - Seismic

SCHOOLSHIELD LEVEL TWO BALLISTIC/BLAST-RESISTANT

- Proprietary monolithic laminated
- Overall thickness: 7/16-in. nominal
- Monolithic or IGU make-ups available
- Maximum dimensions
 - Heat Treated: 38-in. x 84-in.
 - Annealed: 72-in. x 96-in.
- Forced Entry Ratings and Compliance
 - ASTM F1233
 - Heat Treated: Class 1.4
 - Annealed: Class 1.3
 - H.P. White Level A Ballistic, Level 1 Forced Entry
 - UL 972
 - CPSC 16 CFR 1201 Cat I & Cat II
 - ANSI Z97.1
 - ASTM C1036
 - ASTM C1048
 - ASTM C1172
 - ASTM C1349
 - Blast Resistance
 - Hurricane Large & Small Missile Impact
 - Seismic



STOREFRONT INFORMATION



BASIC REINFORCEMENTS ARE REQUIRED



No changes are required to the exterior



Interior glazing gasket must be removed and replaced with a structural silicone such as DOW 995 around the perimeter



Mechanically reinforce inside stops every 12" on center with #10 or flat head countersunk screws



HARTUNG
SCHOOLSHIELD

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