

DEFENDER INSULATED GLASS 1-1/4" (LEVEL 1)

PART#: DEF1250-IG_L1
PRODUCT LINE: GLAZING

DESCRIPTION

Ballistic insulated glass is made by creating air space inside sealed layers of glass. Our DEFENDER line offers not only protection from forced entry but acts as a ballistic barrier, providing high-level protection when seamlessly integrated into your building's design. We test our insulated glass to both Level 1 UL 752 bulletproof standards and UL972 forced entry standards, guaranteeing that will stop assailants in their tracks and protect people from harm.

OPTIONS

- Tinted Glass (Gray, Bronze, Green, Blue)
- Translucent White Interlayer (Frosted Layer)
- Insulating Units - Low E

More to choose from – Please inquire, as the size and thickness may not be available for every option. Overall thickness of product may change with additional features.

RATINGS

- U.L. Level 1 – 9 mm
- U.L. 972: Burglary Resistant

STANDARDS

- NSI Z971-1984 Safety Glazing Materials for Building
- ASTM C 1036 Standard Specifications for Flat Glass
- CPSC 16 CFR 1201 (Category I & II)

THREAT SIDE	SECURE SIDE
<p style="text-align: center;"><i>(Product construction is proprietary)</i></p>	
<ol style="list-style-type: none"> 1. Heat Treated Glass 2. Interlayer 3. Heat Treated Glass 4. Air Gap 5. Heat Treated Glass 6. Interlayer 7. Heat Treated Glass 	

PROPERTIES & SPECIFICATIONS

Protection	U.L. Level 1 - .9 mm
Ballistic Data	Velocity 1: 1175 ft/s Velocity 2: 1292 ft/s
Forced Entry Tests	High Energy Impact Ball Impact Thermal In/Outdoor Conditioning
U-Value	~0.48
Light Transmission	~78% (Varies on make-up)
Nominal Thickness	1.250"
Weight	7.33 lbs/sqft
Dimensional Tolerance	ASTM C 1349