

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

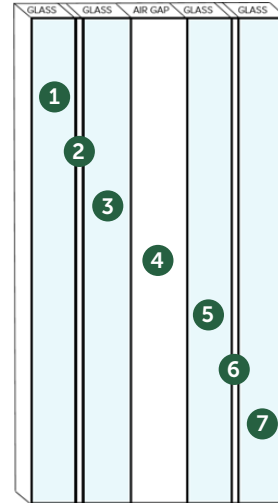
- U.L. Level 1 – .9 mm
- U.L. 972: Burglary Resistant

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



(Product construction is proprietary)

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