

COMPONENTS

Threat Layer 1: Heat Treated Glass

Layer 2: Interlayer

Layer 3: Heat Treated Glass

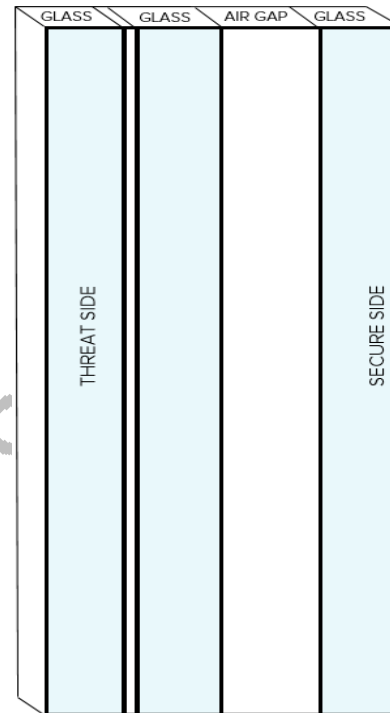
Layer 4: Air gap

Secure Layer 5: Heat Treated Glass

(Product construction is proprietary)

DEFENDER BALLISTIC
INSULATED GLASS

PRODUCT: TSS IG-FE $\frac{15}{16}$ "



OPTIONS

- Reflective Glass
- Tinted Glass (Gray, Bronze, Green, Blue)
- Translucent White Interlayer (Frosted Layer)
- One-Way Mirror
- 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 addition of features.

PROPERTIES & SPECIFICATIONS

| | |
|--------------------------------|---|
| Projectile Protection | Forced Entry Only |
| Forced Entry Tests | High Energy Impact Ball Impact Thermal In/Outdoor Conditioning |
| U-Value | ~0.25 |
| Light Transmission | ~67% (varies on make-up) |
| Solar Heat Gain Coefficient | ~0.37 |
| Nominal Thickness (in) | .9375" ($\frac{15}{16}$ ") |
| Weight | 6.16 lbs/sqft |
| Dimensional Tolerance Standard | ASTM C 1349 |

STANDARDS

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

HANDLING INFORMATION

It is imperative to clean the glazing unit during and after the construction period to maintain optimum performance and aesthetic properties. For best results, use a soft, clean cloth and a mild soap, detergent, or slightly acidic cleaning solution (such as vinegar). Wipe with a clean, lint-free cloth. Other cleaning products are available from TSS.

WARRANTY

- Five years from date of manufacture

BALLISTIC AND FORCED ENTRY RATING

- U.L. 972: Burglary Resistant