



PRODUCT DATA SHEET

SCHOOLDEFENDER® 1.00" IG C2.0 FE

PART#: DEF-IG-100-C20FE-T-MFG
PRODUCT LINE: GLAZING

DESCRIPTION

The SchoolDefender C2.0 FE IGU combines Class 2.0 forced-entry resistance with a high-performance insulated glass construction engineered to fit standard commercial framing.

Ideal for retrofit or new construction, it strengthens building security while providing thermal efficiency and minimizing installation disruption, offering a practical upgrade path without compromising visual clarity or design flexibility.

OPTIONS

- Tints
 - Low-E
 - Low Iron
 - Bird-Friendly
 - Monolithic makeups
 - IGU thicknesses up to 1.50"
- (Contact for more options)

RATINGS

FORCED ENTRY RATING

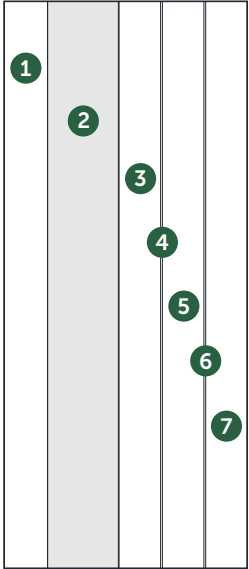
- ASTM F1233-08 Standard Test for Security Glazing Materials
- Class Achieved: 2.0 Body Passage

COMPLIANCE

- ASTM - C1036: Standard Specifications for Flat Glass
- ASTM - C1349: Standard Specification for Architectural Flat Glass Clad Polycarbonate
- ANSI - Z97.1: Safety Materials Used in Buildings

THREAT SIDE

SECURE SIDE



layer dimensions not to scale

1. Glass - Heat Strengthened
2. Air Gap
3. Glass
4. Proprietary Interlayer
5. Polycarbonate
6. Proprietary Interlayer
7. Glass

PROPERTIES & SPECIFICATIONS

Protection ASTM F1233-08 - Class 2.0

Nominal Thickness 1.00" +/- 3./32"

Weight 6.13 lbs/sq. ft.

Size Minimum: 9" x 15"
Maximum: 48" x 96" *

*Larger sizes available in 1.125"+ thick units