

DEFENDER Ballistic Insulated Glass™

Total Security Solutions offers the only ballistic insulated glass product of its type on the market today. That means it has been tested to the Underwriter's Laboratory standards for both UL-972 forced-entry rating and UL-752 bullet-resisting ratings. No other insulated glass protects both people and property to the level of our DEFENDER Ballistic Insulated Glass.

TOTAL
SECURITY
SOLUTIONS

1 PROTECTION

UL 752 Level 1 protection is able to withstand rounds from small caliber handguns, such as a 9mm or .38 Special. In addition to a UL 752 L1 ballistic rating, DEFENDER also carries a UL 972 forced-entry rating.

2 NEW OR RETROFIT

Because it can fit into your existing window frames, our ballistic insulated glass product is great for retrofits on exterior windows that require moderate ballistic protection. It also is an excellent choice in new construction projects.

3 CUSTOMIZATIONS

An extensive choice of tints, translucence, reflectance, and even one-way mirroring is available. Additionally, we can fabricate DEFENDER into many sizes and shapes to ensure a best fit with the overall aesthetics of your facility.

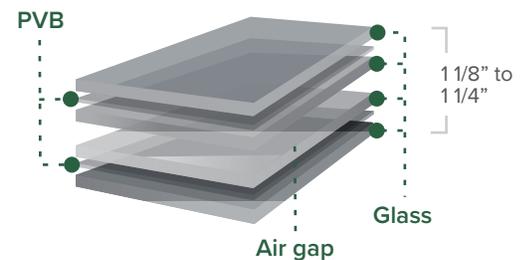
4 ENERGY EFFICIENCY

With Low-E coating and inert gas options, our DEFENDER ballistic insulated glass is designed to meet and exceed local code and your own energy efficiency requirements.

5 LOW MAINTENANCE

As an all laminated-glass product, DEFENDER ballistic insulated glass offers a long-life and is not prone to crazing or de-lamination, making it much easier to maintain.

Multi-Layer Composition



Thickness and Weight

Our standard insulated glass product comes in 1 1/4" and 1 1/8" thickness and weighs 7.33 lbs/per square foot. It does not require special ballistic framing.

