



# PRODUCT DATA SHEET

## SMARTGARD BR6 BALLISTIC SECURITY GLAZING

PRODUCT #: BR6

**DESCRIPTION:**

A bullet and impact resistant, no-spall symmetrical laminated transparent proprietary abrasion resistant composite bonded together with adhesive interlayers.

**FEATURES:**

- Bullet resistant
- No spall
- Abrasion resistant surfaces

CONSTRUCTION:	PERFORMANCE DATA:
<p><i>Attack side</i></p> <p>Proprietary BR6 Layers</p> <p><i>Protection side</i></p>	<p>Max Standard Dimension: 60" x 96" (larger sizes may be available -contact us)</p> <p>Nominal Thickness: 1.311"</p> <p>Thickness Tolerance: 1.267" to 1.355"</p> <p>Weight: 8.18 Lbs. / Square Foot</p> <p>Visual Light Transmittance: 64%</p> <p>Ballistic Rating: UL752 Level 6 9mm – 5 shots No penetration / No spall</p>
COMPLIANCES	
<ul style="list-style-type: none"> <li>• ASTM C 1349 for Laminate Quality</li> </ul>	<ul style="list-style-type: none"> <li>• ANSI Z97.1 - Safety Materials Used in Buildings</li> <li>• CPSC 16 CFR 1201</li> </ul>

INSTALLATION SPECIFICATIONS
<p>AIT strongly suggests the use of a suitable structural security framing with an appropriate protection rating. Allow for a minimum of a (1) inch edge engagement in the frame with sufficient rabbet depth to allow for expansion (approximately 1/16"/FT).</p> <p><b>** ALWAYS INSTALL WITH SPALL SHIELD TO "PROTECTION" SIDE **</b></p> <p>For applications that do not require no-spall, or where glass is preferred on both sides, use AIT GCPI ballistic products.</p> <p>Larger lites may require deeper edge engagements. It is imperative to the life and durability of certain composite types that compatible sealant or gasket material is used on both sides of the laminate. An appropriate sealant solution can be specified by AIT if required. The AIT Group produces the finest glass and composite laminates in the world, proper care during installation will ensure years of superior performance.</p>

ADD-ON OPTIONS & ADDITIONAL INFO
<p>Additional options include: Instantly switchable SmartGlass electronic privacy add-ons, Pilkington Mirropane®, Hard Coated Low E, Insulated Units, Tints, Fire resistant glass, Graphics or decorative Smart Designs, and more. Contact AIT for all available options or for a custom make-up design.</p>

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FOR MORE INFORMATION, PLEASE CONTACT:



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