SMARTGARD BR4
BALLISTIC SECURITY GLAZING
PRODUCT #: BR4

DESCRIPTION:
A bullet resistant, no-spall asymmetrical laminate constructed with glass, and polycarbonate bonded together with adhesive interlayers and an abrasion resistant spall shield.

FEATURES:
- Bullet resistant
- No spall

CONSTRUCTION:	PERFORMANCE DATA:	
Attack side	Max Standard Dimension:	60" x 96"
		(larger sizes may be available -contact us)
	Nominal Thickness:	1.313"
Proprietary BR4 Layers	Thickness Tolerance:	1.269" to 1.357"
	Weight:	14.45 Lbs. / Square Foot
	Visual Light Transmittance:	74%
	Ballistic Rating:	UL752 Level 4
		.30 cal – 1 shot
Protection side		No penetration / No spall

COMPLIANCES	
• ASTM C1036 – Standard Specification – Flat Glass	• ANSI Z97.1 - Safety Materials Used in Buildings
• ASTM C1172 – Standard Specification for Laminated Architectural Flat Glass	• CPSC 16 CFR 1201

INSTALLATION SPECIFICATIONS

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).

** ALWAYS INSTALL WITH SPALL SHIELD TO "PROTECTION" SIDE **

For applications that do not require no-spall, or where glass if preferred on both sides, use AIT GCP1 ballistic products.

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.

ADD-ON OPTIONS & ADDITIONAL INFO

Additional options include: Instantly switchable SmartGlass electronic privacy adds-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.

FOR MORE INFORMATION, PLEASE CONTACT:
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