

PRODUCT NAME:	ARMORGARD™ ASTM F1233 FORCED ENTRY/NIJ IIIA BULLET RESISTANT SECURITY LAMINATE (FE/BR)			
PRODUCT CODE:	SP3A13			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.3"			
THICKNESS TOLERANCE:	1.159-1.350"			
WEIGHT:	12.28 lbs/ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	<small>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</small>
	0.671	0.63	0.643	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			