



Specification Sheet

PRODUCT NAME:	UL Level 8 – Glass-Clad Polycarbonate		
PRODUCT CODE:	SBG820		
PERFORMANCE TESTING:	Ballistic:	UL Standard 752 – Level 8 7.62mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber) Five (5) Shots No Spall, No Penetration	
CONSTRUCTION:	Product construction is proprietary. This product is glass-clad polycarbonate and contains an exposed polycarbonate surface with an abrasion resistant coating on the witness (safe) side.		
THICKNESS:	2" Nominal (2.00")		
THICKNESS TOLERANCE:	1.927" / 2.227"		
WEIGHT:	21.21 Lbs. / Square Foot		
SIZE:	60"	x	96" Maximum
	12"	x	12" Minimum
OPTIONS:	Tinted glass, translucent interlayers, transparent mirror, Low Iron glass.		
TECHNICAL DATA:	U-Value-	.60	
	Shading Co-efficient-	.66	
	Light Transmission-	.58	
APPLICABLE STANDARDS:	ANSI Z97.1 CPSA 16 CFR 1201 (Category I and II) ASTM C 1036 ASTM C 1349		
INSTALLATION:	Glass must be installed in a UL Level 8 Bullet Resistant frame system. Holes must be covered with a UL listed device. 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:	1/4"	
	Bite:	1"	