Specification Sheet

PRODUCT NAME: UL Level 1 – Glass-Clad Polycarbonate

PRODUCT CODE: SBG175

PERFORMANCE TESTING: **Ballistic:** UL Standard 752 – Level 1
9mm Full Metal Copper Jacket with Lead Core
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: 3/4" Nominal (.69")

THICKNESS TOLERANCE: .660" / .722"

WEIGHT: 7.14 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- .86
Shading Co-efficient- .81
Light Transmission- .79

APPLICABLE STANDARDS: ANSI Z97.1
CPSC 16 CFR 1201 (Category I and II)
ASTM C 1036
ASTM C 1349

INSTALLATION: Glass must be installed in a UL Level 1 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"