

GLASS-CLAD POLYCARBONATE 2-1/2" LOW SPALL (LEVEL 8)

PART#: GCP-008-2500-LS_L8

PRODUCT LINE: GLAZING

DESCRIPTION

GCP or Glass-Clad-Polycarbonate Low Spall is a series of glass units that are laminated together, bonded with either poly-urethane or polyvinyl butyral layers. A layer of polycarbonate is then added to the Witness Side, often called the Secure Side of the make-up to ensure a projectile meeting the rating of the glazing unit is captured with no penetration. The polycarbonate layer is then capped with a glass layer in order to provide an all glass look. With the added layer of glass, spall (glass particals emitted) will occur when shot, but the spall spread is tested to be at a minimum, causing no physical harm.

OPTIONS

- Reflective Glass
- One-Way Mirror
- Translucent White Interlayer (Frosted Layer)
- Tint (Gray, Bronze, Green, & Blue)
- Insulating Units
- Low E

More to choose from – Please inquire, as the size and thickness may not be available for every option.

RATINGS

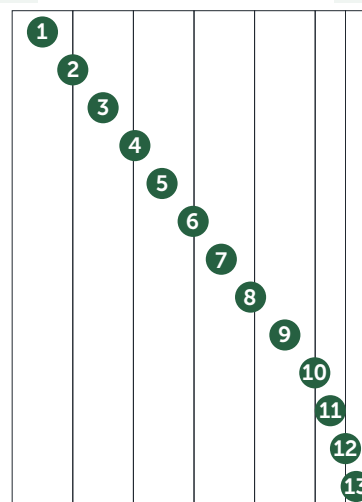
- U.L. Level 8 – 7.62 mm Rifle Military Ball
- *NIJ Level 4 (Available if required)

STANDARDS

- NSI Z971-1984 Safety Glazing Materials for Building
- ASTM C 1036 Standard Specifications for Flat Glass
- ASTM C 1172 Standard Specificaion for Laminated Architectural Flat Glass

THREAT SIDE

SECURE SIDE



1. 3/8" Glass
2. 0.025 Urethane
3. 3/8" Glass
4. 0.025 Urethane
5. 3/8" Glass
6. 0.025 Urethane
7. 3/8" Glass
8. 0.025 Urethane
9. 3/8" Glass
10. 0.05 Urethane
11. 1/4" Polycarbonate
12. 0.05 Urethane
13. 3/16" Glass

For any Tint, or Low E, 1/8", 3/16", 1/4" glass panels must be used.

For this Make-up, the Tint or Low-E can only be applied to the 3/16" layer.

For Mirror Pane or Reflective Glass, a 1/4" pane must be used in place of the 3/16", increasing the glazing thickness.

PROPERTIES & SPECIFICATIONS

Protection	U.L. Level 8 - 7.62 mm RMB
Ballistic Data	Velocity 1: 2750 ft/s Velocity 2: 3025 ft/s
Shots	5
Light Transmission	61%
Nominal Thickness	2.500"
Weight	29.3 lbs/sqft
Dimensional Tolerance	ASTM C 1349