

GLASS-CLAD POLYCARBONATE 1-1/8" NO SPALL (LEVEL 4)

PART#: GCP-004-1125-NS_L4
PRODUCT LINE: GLAZING

DESCRIPTION

GCP or Glass-Clad-Polycarbonate No 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 also protects against any spall particles of glass projected outwards, which is where the term "No-Spall" is applied.

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 4 – .30-06 Cal.

STANDARDS

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

THREAT SIDE	SECURE SIDE
<ol style="list-style-type: none"> 1. 3/8" Glass 2. 0.05 Urethane 3. 3/8" Glass 4. 0.075 Urethane 5. 1/4" Mar Resistant Polycarbonate 	<p>For any Tint, or Low E, 1/8", 3/16", 1/4" glass panels must be used. For this Make-up, the Tint, Low-E, or Mirror Pane can only be applied if an additional layer of 1/4" is added before the polycarbonate layer, resulting in thicker glass.</p>

PROPERTIES & SPECIFICATIONS

Protection	U.L. Level 4 - .30-06 Cal.
Ballistic Data	Velocity 1: 2540 ft/s Velocity 2: 2794 ft/s
Light Transmission	75%
Nominal Thickness	1 1/8"
Weight	11.68 lbs/sqft
Dimensional Tolerance	ASTM C 1349