



### Overview

PALSHIELD 318 offers clear, bullet resistant glazing for a variety of security glazing needs.

Due to its layered structure, the panel withstands both physical attack and multi-shot assault, absorbing the entire impact energy without shattering or spalling.

An additional abrasion resistant coating gives PALSHIELD 318 long life service, making it ideal for applications in public areas.

### Main Benefits

- Shatter proof - does not spall
- Abrasion resistant surface
- Complies with various ballistic standards (see table on back side)
- Low weight: nearly half the weight of glass-equivalent
- Clear - good optical quality
- Colors: clear, bronze, grey

### Typical Applications

- Security glazing in banks and government facilities
- Public institutions
- Gas stations and convenience stores
- Drive-up windows
- Train/bus glazing
- Ticket booths and kiosks
- Prisons and detention centers



## Product Information

Property	Units	Value
Product code		318
Thickness	mm	19
Weight	Kg/sqm	~23
Flexural strength	psi	No less than 13,500
Light transmission (ASTM-1003)	%	~88
Shading coefficient		0.96 (calculated)
Dimensions*	mm	Width: 1220 Length: 2440
Colors		Clear, bronze, grey

\*Other dimensions are available upon request, subject to minimum quantity.

## Ballistic and Forced Entry Ratings

Standard	Compliance / Rating
HPW-TP-0500.00	Level B - ballistic material (9mm) handgun level I - forced entry material
ASTM F1233-93	0.38 Super handgun protection
UL 752*	Level 1 (9mm) protection
BS 5051 Part 1: 1988	Level G0

\*Tested at accredited ballistic laboratory.

## Layer Detail

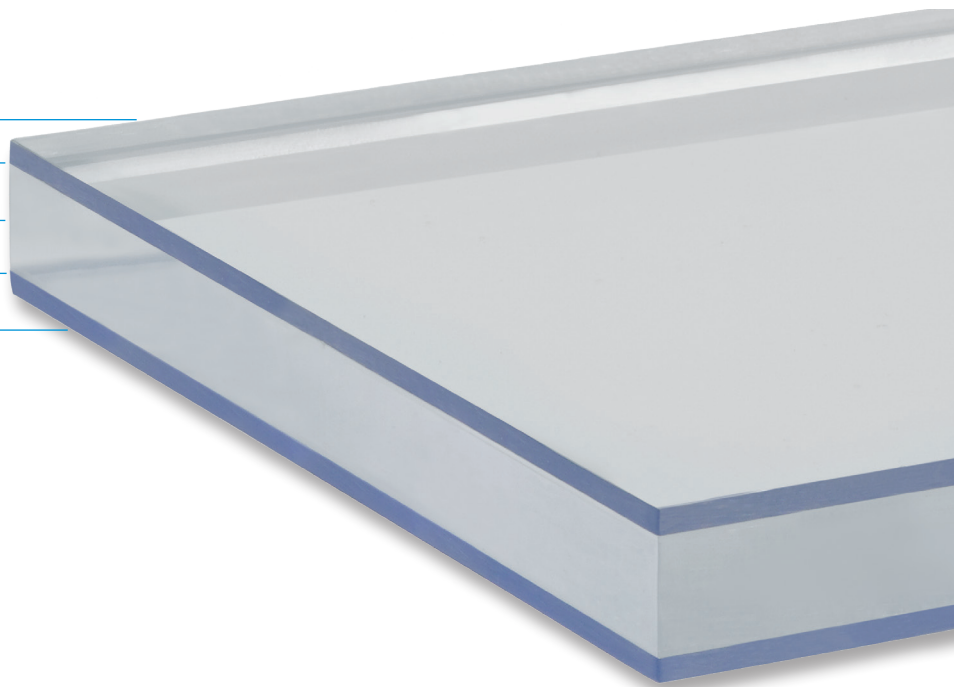
Abrasion-resistant solid polycarbonate

Adhesive

Acrylic

Adhesive

Abrasion-resistant solid polycarbonate



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