



PREL-SECUR

Bullet-Resistant Glazing

Glass-Clad Polycarbonate

DESCRIPTION

Prel-Secur glass reinforced with polycarbonate glazing provides penetration resistance superior to all-glass alternatives of the same thickness.

It can be made with one or more lites of polycarbonate to ensure maximum resistance to penetration and impact from various-calibre bullets.

Prel-Secur glazing combines the ballistic resistance of polycarbonate with the abrasion and chemical resistance of glass, making it superior to all other transparent armoured panels.

Prel-Secur is 40% lighter than all glass laminated glazing, an important design, installation and cost factor.

Prel-Secur glazing is made of annealed or heat-strengthened glass to ensure impact and thermal shock resistance.

SECTIONS OF PREL-SECUR GLAZING UNITS

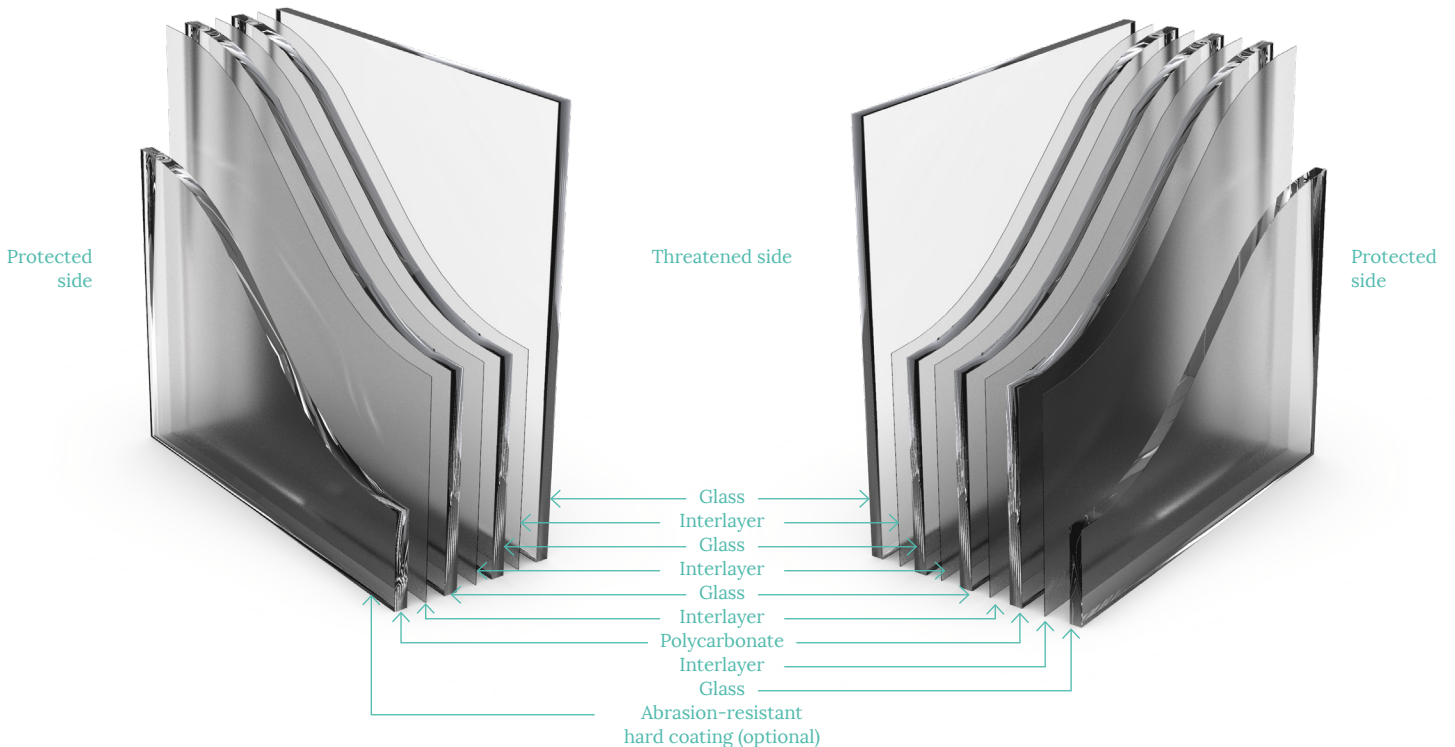
Prelco offers two (2) types of glass-clad polycarbonate bullet-resistant glazing

PREL-SECUR "NS": NO SPALL (UL752)

Prel-Secur NS laminate has glass plies only on the exterior or threatened side. The interior surface is composed of polycarbonate that can be given an optional abrasion-resistant hard coating, affording protection against spalling glass.

PREL-SECUR "LS": LOW SPALL (NIJ STD 0108.01)

Prel-Secur LS laminate has glass plies on both sides. The interior surface is covered with a thin sheet of glass for easy maintenance. Under attack, there is minimum spalling inside. Contact us for more information about this product.



SPECIFICATIONS

PREL-SECUR – GLASS AND POLYCARBONATE							
Product	UL 752 Level ¹	Weapon	Nominal Thickness	Weight lbs/sq ft (kg/m ²)	Maximum size ²	Tolerance	
						Dimensional	Thickness
PS750P-NS	1	9 mm	¾" (17 mm)	7.15 (34.91)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¼" (±1.6 mm)
PS938P-NS	2	.357 Magnum	⅝" (24 mm)	10.15 (49.56)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS1188P-NS	3	.44 Magnum	1" (25 mm)	10.70 (52.24)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS1250P-NS	4	.30.06	1¼" (32 mm)	13.60 (66.40)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS1500P-NS	5	7.62 mm	1½" (38 mm)	16.70 (81.54)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS900P-NS	6	9 mm	⅞" (23 mm)	9.40 (45.89)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS2000P-NS	7	5.56 mm	2" (51 mm)	24.00 (117.18)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS2060P-NS	8	7.62 mm	2⅙" (52 mm)	24.00 (117.18)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)
PS2250P-NS	9	30-06 M2 AP	2¼" (57 mm)	26.40 (128.90)	60" x 96" (1524 x 2438 mm)	±¾" (±5 mm)	±¾" (±2.4 mm)

¹ Tested to the UL 752 Ballistic Rating

² Panel weight should not exceed 700 lbs (318 kg)

PREL-SECUR NS – GLASS-CLAD POLYCARBONATE

bullet-resistant glazing
complies with the
ballistics requirements
specified by
**UL 752 and NIJ
standard 0108.01**



PRELCO INC.

94, boulevard Cartier
Rivière-du-Loup (Québec)
G5R 2M9

T. 418 862-2274
Toll free. 1 800 463-1325
sales@prelco.ca
prelco.ca

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