

STRATOBEL POLYCARBONATE

High-tech security with laminate of floatglass and polycarbonate

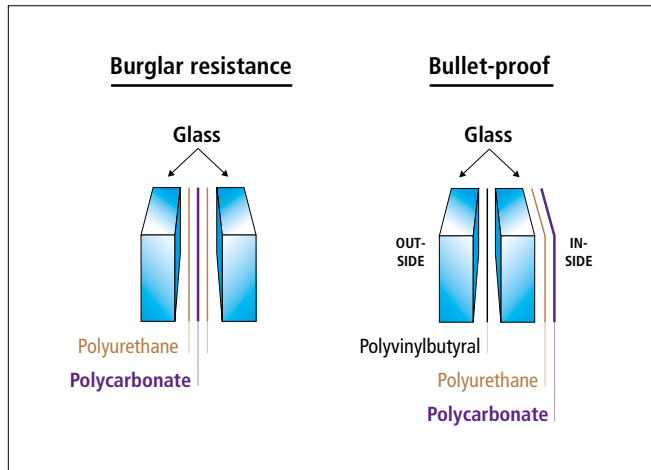
DESCRIPTION

Stratobel PC is a laminated glass with high safety level.

Stratobel PC range offers different levels of performance 3 versions:

- Burglar resistance
- bullet-proof
- explosion-resistant

Stratobel PC is composed of different glass layers connected with an interlayer made of polyurethane or polycarbonate.



ADVANTAGES

- The combination of glass and Stratobel PC creates a very thin, light, transparent and spall free glass which is practically impenetrable.
- Saves up to 60% on thickness and weight than a traditional safety glass.
- Wide range from P6B to P7B (breakage-retardant), BR4-S to BR6-NS (bullet-resistant) and a solution for anti-blast (ER-3).
- Most of bullet-resistant versions are spall free.
- Tested in accordance with European standards.
- Can easily be installed in standard existing windows.

APPLICATIONS

- Defense properties, embassies, arms depots, police stations, courtrooms
- Petro-chemical industry, petrol stations
- Banks, jewelers
- Porter's lodges, VIP security, art galleries

PERFORMANCES, AVAILABILITIES & PROCESSING POSSIBILITIES

- Minimum dimensions : 300 x 200 mm
- Maximum dimensions : 2800 x 1500 mm
- Maximum weight per piece : 500kg
- Can be assembled into double or triple glass unit.
- Stratobel PC is available with Planibel Clear, Clearvision and with the most popular AGC coatings.

Function	Type number Rapid Safe®	Securityclass			Thickness (mm)	Weight (kg/m ²)
		EN 356 (break-ins)	EN 1063 (bullets)	EN 13541 (anti-blast)		
Burglar resistance	214.541	P6B			15	28
Burglar resistance	216.551	P6B			17	33
Burglar resistance	218.561	P6B			19	38
Burglar resistance	216.541	P7B			17	30
Burglar resistance	218.551	P7B			19	35
Burglar resistance	220.561	P7B			21	40
Burglar & bullet resistance	935.161	20 min + 75 kN*	BR4-S		35	53
Burglar & bullet resistance	939.461	20 min + 75 kN*	BR4-NS		39	56
Burglar, bullet & explosion resistance	823.860	P7B	BR4-NS	ER3	24	51
Burglar & bullet resistance	835.800	P7B	BR5-NS		36	81
Burglar & bullet resistance	841.370		BR6-NS		42	93

BR: Bullet Resistance

S: Splitting = Risk of fragments of glass on the rear (protected) side

NS: Non Splitting = No glass ejected on the rear side

NORMS, CE-MARKING & WARRANTY

- Stratobel PC is tested in accordance with the toughest standards in the area of security glazing.
- Fully approved at CE level and summary of test reports are available on request.
- Warranty conditions available on request.

INSTALLATION & MAINTENANCE INSTRUCTIONS

- Stratobel PC products must be stored, placed and maintained according to AGC's installation instructions & maintenance guide, otherwise the warranty may be invalidated.
- Installation & maintenance guide available on request.
- The frame must have the same performance as the glass according to EN 1522 / EN 1523 in order to reach the performances of the final product.



Need more info or quotation?

Mail to Stratobel.Security@eu.agc.com

