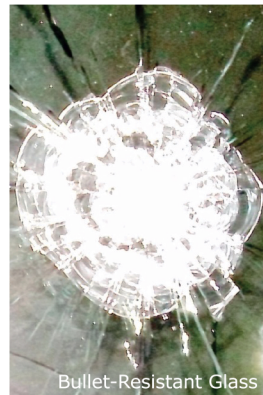


PROTECTION

Bullet-Resistant Glass AmmoShield®



Violence, terrorism, crime and the growing range of weapons used nowadays pose a great threat to human lives and the loss of properties. The use of common laminated safety glass is insufficient in offering protection against such attacks and hence a special range of safety glazings capable of resisting firearm attacks have been developed to ensure the safety of individuals. The demand for protection of human lives in the use of glass has led to the development of a new multi-layer laminated safety glass - AmmoShield®, a Bullet-Resistant glass.

AmmoShield® consists of a combination of three or more pieces of glass permanently bonded together by two or more interlayers of polycarbonates. The composition and thickness of the laminated glass determines the degree of resistance against concerted attacks from a

USES AND APPLICATIONS

- Airport terminals • Banks
- Embassies • Financial institutions • Government buildings • High-risk shops
- High security buildings
- Military installations
- Police stations

variety of weapons. The excellent ballistic properties of AmmoShield® provides the building owner and his occupants a physically safe environment and complete peace of mind.

AmmoShield® has been tested to conform to AS/NZS (Australian Standard / New Zealand Standard) 2343 for having the ability to resist ballistic impact.

PRODUCT FEATURES

ENHANCED SAFETY

AmmoShield® prevents bullets from passing through the glass, thus protecting people from direct bullet injury or flying glass fragments while maintaining full visibility and light transmission.

MAXIMUM SECURITY

Recommended in places where money is handled, or where the highest degree of security is desired. In most cases, it takes many blows, all at the same spot, to penetrate the glass.

ACOUSTIC BARRIER

The multiple interlayers provide excellent sound control against unwanted noise from the outside. Thus, it is an effective sound control product for acoustic performance.

ULTRAVIOLET SCREENING

Provides protection from the harmful effects of UV radiation. It screens out more than 99% of the sun's damaging rays, protecting interior furnishings, displays or merchandise from the fading effects of UV radiation.

PERFORMANCE INFORMATION: Performance summary of AmmoShield® products



Classification of panel	Calibre	Product Name	Product Code	Panel Thickness	Weight/m ²	Minimum Size Per Panel (mm)	Maximum Size Per Panel (mm)	Application
Class G0	9mm Military Parabellum	AmmoShield® BRG	AS20P	20.4mm	33kg/m ²	80 x 80	1800 x 2400	Low Risk areas/quarry machinery/forestry equipment
Class G1	.357 Magnum	AmmoShield® BRG	AS24P	24.4mm	41kg/m ²	80 x 80	1800 x 2400	Medium risk areas
Class G2	.44 Magnum	AmmoShield® BRG	AS25P	25.5mm	52kg/m ²	80 x 80	1800 x 2400	High risk areas/cash carrying vehicles
Class R1	5.65 x 45mm	AmmoShield® BRG	AS36P	36.2mm	67kg/m ²	80 x 80	1800 x 2400	Very high risk/military areas
Class R2	7.65 x 51mm	AmmoShield® BRG	AS44P	44.5mm	62kg/m ²	80 x 80	1800 x 2400	Very high risk/military areas
Class S0	12 Guage (full choke firing single shot)	AmmoShield® BRG	AS40P	40.4mm	58kg/m ²	80 x 80	1800 x 2400	High risk/military areas
Class S1	12 Guage (full choke firing single slug)	AmmoShield® BRG	AS42P	42.5mm	60kg/m ²	80 x 80	1800 x 2400	High risk/military areas
NIJ 0108.01 Level 3	7.65 x 51mm	AmmoShield® BRG	AS44P	44.5mm	62kg/m ²	80 x 80	1800 x 2400	Very high risk/military areas

Australian / New Zealand Standards AS/NZS 2343:1997 Bullet Resistant Panels and Elements. All edges of glass must be securely held in a suitable frame so as not to reduce the glass performance. We recommend glazing into a steel frame with minimum 25mm edge cover.