

Bullet, Blast and Attack Resistant Glass

WINDOWS AND GLASS

Providing protection for bullet, blast and attack threats.

ARA Manufacture's BSA Bullet, Blast and Attack resistant glass is tested to the most extreme levels to ensure the highest level of resistance.



OVERVIEW

Designed and manufactured in Australia to withstand up to 5000kg of TNT at 40 metres, BSA Blast resistant glass provides blast protection and has been subjected to extreme testing.

BSA Bullet, Blast and Attack resistant glass has been live tested to 5000kgs TNT at Woomera testing range. Pressures were recorded and are available upon request.

All standard products are available in performance enhancing glass such as solar, low iron, toned and patterned, and are available with a "Spall or Sacrificial" film, for additional protection.

APPLICATIONS

ARA Manufacture's BSA Blast resistant glass can be used for government and military buildings, blast-rated structures and company buildings that operate in high threat level areas.

SPECIFICATIONS

- **Window size:** standard window size is 800mm wide x 1190mm high x 440mm deep
- **Tray size:** 320mm wide x 50mm sloped depth.
- **Finish:** standard 304 #4 stainless steel.

This product has not been tested to the updated as2343 1997 standard. This updated standard requires the complete product to be tested and as a result it is possible that airgaps intended to enable document pass through could be breached by a small handgun, thus resulting in a test failure and non-compliance with the updated standard.

Bullet, Blast and Attack resistant glass

SPECIFICATIONS

BSA 18

Glass thickness: 18 mm

Weight: 37kg / m2

Certification: HP White HPW-TP-0500.03 Level: 2 Glass, 5000kg TNT – 40 metre stand off – live tested and certified.

BSA G1s (SCEC Endorsed)

Glass thickness: (9mm handgun, 357 magnum), while still maintaining its attack capabilities.

Weight: 45.3kg /m2

BSA G2 / S0 / NIJ LEVEL IIIA (SCEC Endorsed)

Glass thickness: 30 mm

Weight: 57.7kg /m2

Rated: 38 Special, 9mm, 357 magnum, .44 magnum handguns and 12 gauge (full choke) 32g SG shot.

BSA G2 LW (lightweight) (SCEC Endorsed)

Glass thickness: 33mm

Weight: 40.5kg /m2

Rated: 38 Special, 9mm, 357 magnum and 44 magnum handguns.

BSA R2 / S1 / NIJ LEVEL III (SCEC Endorsed)

Glass thickness: 50mm

Weight: 96.7kg /m2 – all above and 7.62 x 51 – .303, AK 47, etc

BSA API S3a STANAG 4569 KE

Glass thickness: 82mm

Threat level: 3

Rated: 7.62 x 54R B32 API (Russian Sniper – Armour Piercing Incendiary)

BSA Ballistic API S3b STANAG 4569 KE

Glass thickness: 86m

Threat level: 3

Rated: 7.62 x 54R B32 API (Russian Sniper – Armour Piercing Incendiary)

AS/NZS 2343' 97

National Institute of Justice (NIJ) 018.01

AS3555 – 2003 Forcible Attack Certification Level 2

5000kg TNT – 40 metre stand off – live tested and certified SCEC Endorsed.*

*The Security Construction and Equipment Committee (SCEC) is responsible for evaluation and endorsement of security equipment for use by Australian Commonwealth Departments and Agencies. The Security Equipment Catalogue (SEC) lists products which meet strict testing requirements and relevant SCEC standards.