



# ARMOURSHIELD GLASS SPECIFICATIONS

Delivering Bent & Specialist Glass with Excellence



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## High Risk Intruder Resistant Glass Specifications

Product Code	Description	Thickness	Weight m <sup>2</sup>	Attack Rating* (Approx)	AS 3555.1 Level 2 Pass	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m <sup>2</sup> K) Summer	U Value (W/m <sup>2</sup> K) Winter
				SECURITY		LIGHT		SOLAR		THERMAL				
<b>ArmourShield® Clear</b> (optional colour/tints on Custom Products)														
AS14T	Toughened	14.8mm (9/16")	28kg/m <sup>2</sup>	Up to 15 minutes	PASS 10 minutes	84	7	7	66	6	0.87	0.75	4.33	4.73
AS17T	Toughened	17.9mm (11/16")	34kg/m <sup>2</sup>	Up to 30 minutes	PASS 10 minutes	83	8	8	60	6	0.83	0.72	4.16	4.54
AS22T	Toughened	22.6mm (7/8")	44kg/m <sup>2</sup>	Up to 40 minutes	PASS 10 minutes	80	8	8	56	6	0.8	0.69	3.99	4.34
AS26T	Toughened	25.6mm (1")	51kg/m <sup>2</sup>	Up to 60 minutes	PASS 10 minutes	79	8	8	53	6	0.78	0.68	3.94	4.29

\* Attack rating is based on AS3555.1 level 2, attack conditions. Custom options available on all products for tints or additional features or specifications.






**Intruder Resistance** Up to 60 Minutes



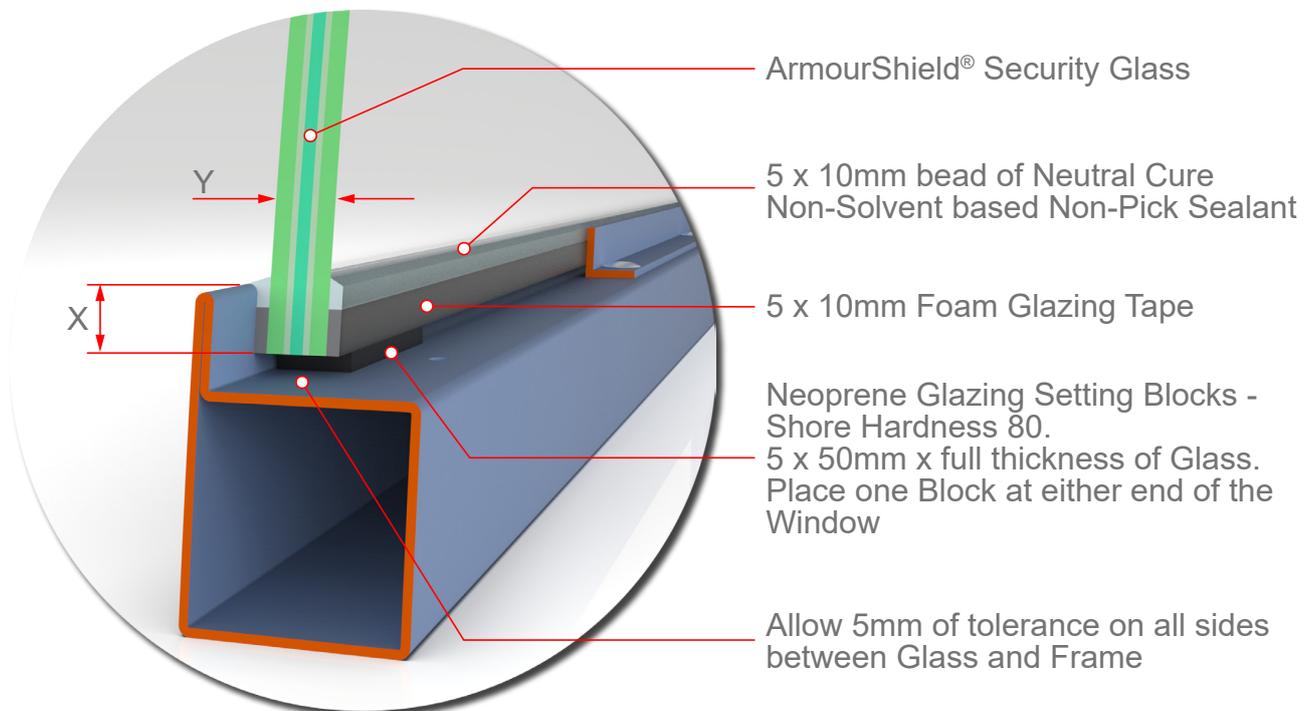
Security Glass Testing



## Recommendations For Installation Of Security Glass

When correctly installed into a certified framing system, ArmourShield® provides a complete solution which meets the demands of AS3555.1 Level 2 without the need for additional protective measures. It is therefore imperative to follow the recommendations set out below.

- Always follow Manufacturers recommendations and allow sufficient curing time of Sealants before subjecting the Window to service.
- Always use Neutral Cure, Non-Solvent based Sealants.
- Ensure Glazing Blocks at the base cover the full thickness of the Glass.
- Allow a minimum of 5mm gap between the Glass and the Frame to allow for thermal expansion and contraction with temperature changes.
- Recommended edge cover to be at least the thickness of the Glass (X & Y).



## **Complete certified glass solutions designed for your application**

ArmourShield® is specifically designed to provide additional safety for personnel and protect critical areas in buildings, safe houses, detention centres, prisons and marine vessels. ArmourShield® slows down and restricts intruder entry. Even when broken, the tough inner-core of poly-composite will lock the exterior glass layers to enable greater attack resistance. Ideal for doors and windows that maintain the appearance of normal glass, ArmourShield® is specially designed and constructed to remain resistant under attack.

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