

TECHNICAL SPECIFICATIONS

The INVISI-GARD 316 STAINLESS STEEL SECURITY range of products has been fully TESTED and APPROVED in accordance with all of the relevant Australian Standards. This product range includes Stainless Steel Security Doors, Window Screens and Escape Window Screens.

The INVISI-GARD Dealership network is required to produce these products to the exact conditions detailed in the NATA CERTIFIED TEST REPORTS. They must also INSTALL these products in accordance with AS5040.

INVISI-GARD 316 STAINLESS STEEL SECURITY has been approved by D E T E for use in State Schools and many Public buildings in Queensland and is used extensively, in all States within Australia. Projects such as the 'Mater Childcare' [see Specification Kit for further details] used INVISI-GARD 316 STAINLESS STEEL SECURITY because of its superior corrosion resistance and performance.

'Watermarked' Test Reports are available on request.

INVISI-GARD Technical Specification

Mesh	Marine Grade 316 Stainless Steel	Velocity Drop	44.21%
Wire Diameter	0.8mm	Drag Coefficient	0.6998
Mesh Count	11 x 11 strands per 25mm ²	Wire Tensile Strength	900MPa (Nominal)
Aperture Size	1.6mm x 1.6mm	Open Area	44%

INVISI-GARD has passed all of the relevant tests as listed below.

Australian Standard AS5039-2008 & AS5041-2003	PASS
Test No. Door: 2012042-5 Test No. Window: 2012042-1 & 2011014 (50x Impact)	✓
• Knife Shear Test	✓
• Dynamic Impact Test (Repeated 50x)	✓
• Jemmy Test	✓
Australian Standard AS1530.4	PASS
Test No. : 2284200B	✓
• Fire Attenuation	✓
Australian Standard AS1530.8.1 - [40kW/m² location for 2 hrs]	PASS
Test No. EP1210317	✓
• Bushfire Test to AS1530.8.1	✓
• Also referenced AS3959-2009 [Mesh Aperture]	✓
Test No. FSZ1662A	✓
• BAL40 Invisi-Gard & Breezway Altair Louvre	✓
Australian Standard AS1926.1	PASS
Test No. QRH05-4107	✓
• Safety Barriers for Swimming Pools	✓

Australian Standard AS1170.2	PASS
Test No. AZT0185-14	✓
• 21m/s Wind Driven Debris Impact Test	✓
Australian Standard AS2331.3.1	PASS
Test No. AZT0045.12	✓
• Neutral Salt Spray 10,000 hrs	✓
Australian Standard AS3715 - Complies for Powder Coating	PASS
Window Energy Rating Scheme (WERS)	✓
Test No. ALS-988 & ALS-999	✓
• U & SHGC values	✓
Project No. 2011001557	✓
• Optical Mesh Properties	✓
• Wind Tunnel Aerodynamic Testing	✓
Australian Standard AS1170.2 (2.5.5) & AS4040.3	PASS
Test No. 20090509	✓
• Fatigue Test	✓
Protection of openable windows/fall prevention AS5203-2016	PASS
NCC Vol 1: D.2.24 & Vol 2: 3.9.2.5	✓
• Protection of openable windows	✓

15 year
warranty