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 it's superior corrosion resistance and performance.

'Watermarked' Test Reports are available from ALSPEC 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
Door: 2012042-5 Window: 2012042-1	
• Stainless Steel Knife Shear	✓
• Dynamic Impact	✓
• Lock and Hinge Lever	✓
Australian Standard AS1530.4-2005	**PASS**
Door: 22842006 Window: FSZ1102	
• Fire Attenuation	✓
Australian Standard AS1530.8.1 - [40kW/m^2 location for 2 hrs]	**PASS**
Test No. EP1210317	
• BAL-FZ - BAL 40 Attenuation at 58.4%	✓
• Also referenced AS3959-2009 [Mesh Aperture]	✓
Australian Standard AS1926	**PASS**
Test No. QRH05-4107	
• Swimming Pool Safety	✓

Australian Standard AS1170.2	PASS
Test No. AZT0185-14	
• 21m/s Wind-borne debris	✓
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)	
• U & SHGC values	✓
Test No. ALS-988 & ALS-999	
• Optical Mesh Properties	✓
Test No. 2011001557	
• Wind Tunnel Aerodynamic Testing	✓

15 year warranty

October 2014