



PANTHER PROTECT PRODUCT SPECIFICATION

Security Doors and Windows must be tested and must comply with the relevant Australian Standards to be advertised as a 'Security' Door or Window. The Australian Standards relevant to Security Doors and Windows are listed below giving a brief description of their application. In an industry that is littered with questionable claims and confusion as to test results, ambiguity of product performance and just what all the jargon with security doors and windows means:

We believe it's not what you say, it's what you can prove.

Recent tests prove that Panther Protect security doors and windows go far beyond the claims of leading competitors to bring you standards that they say is the fact but actually failed to reach. The ingenious simplicity in the mechanics of how the mesh is held in place is the secret to making this product so strong and so affordable...In fact it is "One of a kind with no equal!"

Item	Specification	Australian Standards:	
Mesh	Stainless steel mesh	AS5039-2008 Security screen doors and security window grilles	PASS
Wire Specs	High Tensile Stainless Steel	Methods of test -	
Diameter	0.800 ± 0.015mm	AS5041-2003 Security screen doors and window grilles	
Alloy	Grade 316	Knife Shear Test AZT0022.14	
Tensile Strength	900 ± 40Mpa (860-940 Mpa)	Dynamic Impact Test AZT0034.11 (Repeated 100x) AZT0035.11	
Weave Type	Plain Weave	Jemmy Test AZT0049.07	PASS
Number of stand per inch	Warp = 11 / Weft = 10.5 per inch	AS3959 Construction of buildings in bushfire-prone areas RPT32915200	
Finish (Woven)	Wire Mesh (ISO 9044 / ASTM E2016-06)	AS1170.2 Structural design actions - Wind actions AZT0234.12 - Debris impact	PASS
Basic pre-treatment	Alkaline cleaning / Acid Etching	AS2331.3.1 Methods of test for metallic and related coatings - Corrosion and related property tests - Neutral salt spray (NSS) test I coated Salt Solution Spray CER-5515-021	PASS
Finish type of coating	Polyester Powder		
Colour	Ultra Black Low Sheen		
Testing	AS3715-2002 AAMA2603-05 AAMA2605-05		
External Testing to relevant architectural standard	Salt spray: 3,000 h		
Knife shear test	AS 5041-2003: Passed		
Open Area Space Specification	Warp = 42.71% Weft = 44.80%		
Aperture Size	Warp = 1.425 - 1.575 mm Weft = 1.520 - 1.680 mm		



Safe and Secure

Panther Protect Security doors and windows exceed all relevant Australian Standards.



20 times the impacts required

Panther Protect has achieved remarkable levels of strength exceeding the Australian Standard requirement by 20 times.



10 year warranty

Depending on your choice of Panther Protect product, it will carry an warranty period of up to 10 years.

www.pantherprotect.com.au

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