



ABRA
ALUMINIUM

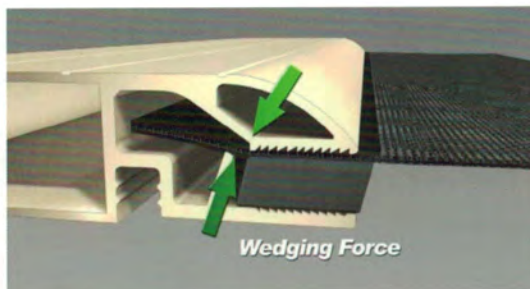
- When service matters -

Panther Protect[®] Security Door & Window System



20 TIMES STRONGER

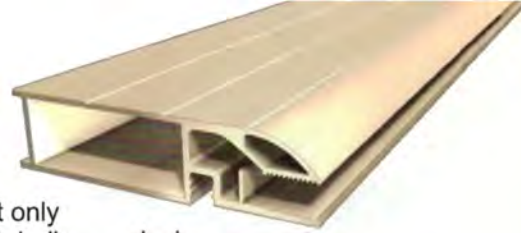
THAN THE SPECIFIED
AUSTRALIAN STANDARD
IMPACT TEST AS5039



SAFETY

SAFE AND SECURE

The "Panther Protect" security system has been researched, designed and developed by Abra Safe to set a new standard in security doors and windows.



The designers used advanced engineering technology to achieve a frame that not only exceeds all relevant Australian Standards, it also incorporates a unique and stylish bull nose design. Extensive testing by an independent NATA accredited facility including dynamic impact, knife shear, salt spray, hinge and lever tests. Panther Protect also meets the requirements for construction in bush fire prone areas.

The Panther Protect security system gives you the choice of Panther Max 316 marine grade stainless steel or Panther Gal galvanised mesh of which will depend on the location, environmental conditions and preferred maintenance schedule - always refer to maintenance chart below when deciding on the type of mesh that is best suited for your location and environmental circumstances. The correct selection of mesh and regular maintenance as per the below schedule will keep your Panther Protect doors and windows looking good for years. In addition to this, the Panther Max 316 stainless steel mesh is covered by a 10 year limited warranty and the Panther Gal mesh is covered by a 2 year limited warranty.

PRODUCT SELECTION AND MAINTENANCE CHART

It is very important to consider the location and environment when deciding which mesh is fit for your situation. Authorised Panther Protect dealers will always refer their customers to the Product Selection and Maintenance Chart below and advise that if the Panther wash is not used as part of the maintenance schedule, then the warranty will become void.

PATENT PROTECTION AND DESIGN REGISTERED

The Panther Protect system is fully patented and design registered. The design includes a 'specially shaped elongated slot with opposing offset formation and locking block' to retain the mesh. This assembly arrangement is distinct from other patented systems. Further to this, the bullnose design, choice of mesh and exclusive hardware offers a real variety of choice.

MAXIMUM CORROSION PROTECTION

When two dissimilar materials are used in contact with one another, a galvanic reaction can occur, causing corrosion. Panther Protect has been designed to help eliminate contact between dissimilar metals by (1) an easily inserted locking block to secure the mesh sheeting to the aluminium frame, eliminating the need for crimping, screwing or clamping;(2) using an inhibiting tape to separate the mesh from the aluminium frame and (3) powder coating the frame, mesh and locks. Panther Wash reduces corrosion and enhance the life of your Panther Protect Products.

EXTENSIVE TESTING

Panther Protect passed dynamic impact, lock and hinge level, pull, knife shear and salt water tests carried out by an independent NATA laboratory. It also meets the requirements for Construction Level 1, 2 and 3 Bush Fire Prone Areas - refer to the guideline set in the Building Code of Australia which may be interpreted differently from Council to Council.

PRODUCT SELECTION AND MAINTENANCE CHART

ENVIRONMENT	MAINTENANCE/CLEANING INTERVALS		ENVIRONMENTAL DEFINITION*
Beach	Fortnightly	n/a	Up to 1km from saltwater or heavy industrial
Marine	1 Month	n/a	Between 1km - 5km from saltwater or heavy industrial
Metro	3 Month	n/a	Between 5km - 10km from saltwater or heavy industrial
Suburban	4 Month	1 Month	Between 10km - 20km from saltwater or heavy industrial
Rural	4 Month	3 Month	Between 20km - 50km from saltwater or heavy industrial
Bush	6 Month	4 Month	Over 50km from saltwater or heavy industrial
	Stainless	Galvanized	* Some may require extra maintenance due to local conditions

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Panther Protect Security Doors & Windows Brochure Version 120621

BUILDING

SAFETY

EXTRUSION