

Aluminium Innovations Pty Ltd



MESHGARD®

Stainless Steel Security Systems



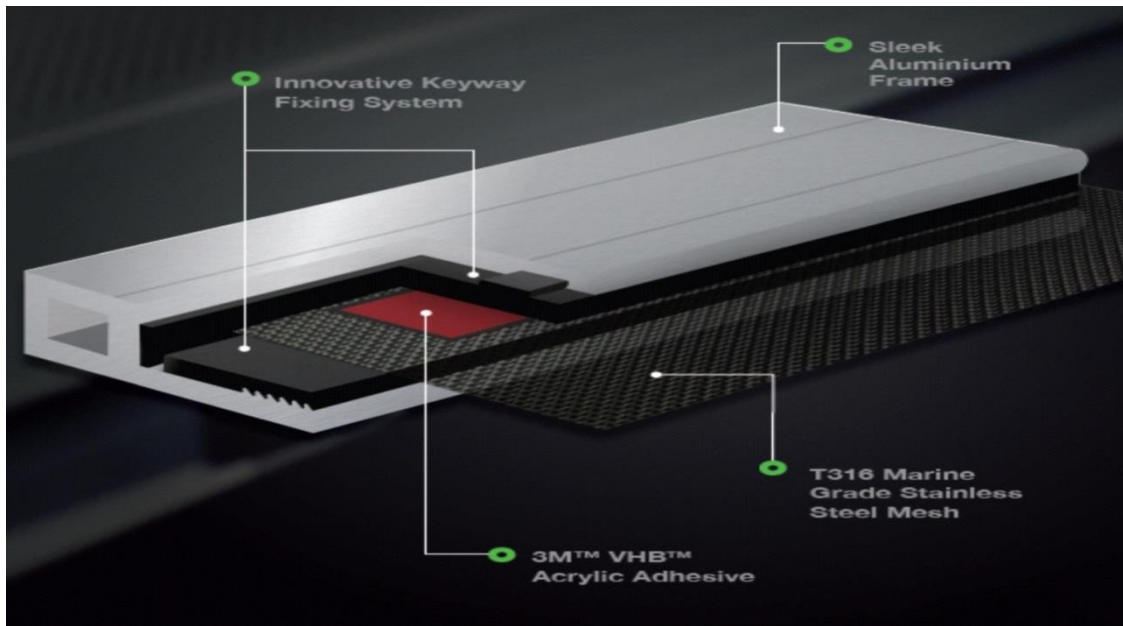
Meshgard's® design embraces the very essence of elegant simplicity. Sleek, precise lines integrate seamlessly with your home to maximise your view and add value to your home. Australian made from the finest materials available, Meshgard® works smarter to offer you the ultimate peace of mind without sacrificing your lifestyle



Meshgard's® innovative design makes it versatile and functional in a range of environments including:

- Sliding doors and windows
- Hinged doors
- Casement, awning and double hung windows
- Fire and emergency exits
- Balustrades
- Pool fencing
- Outdoor room extensions
- Pet doors
- Shop fronts
- Cyclone screens (Region C)

Whether you are seeking secure screening solutions for residential or commercial applications, receive an integrated solution from a Meshgard® expert who understands your needs



The Australian Standards stipulate a range of scientific tests that a security product must pass in order to remain in this class. Meshgard® consistently surpasses these standards.

- Knife Shear Test (AS5039 - 2008)
- Impact Test (AS5039 - 2008)
- Anti-Jemmy Test (AS5039 - 2008)
- Pull Test (AS5039 - 2008)
- 10,000 Hour Salt Spray Tests - (AAMA2605-05 Section 7.8.2)
- Cyclone Impact Tested to 30m/s (2011: AS/NZ1170.2)
- Aluminium Frame Tests - (AS/NZS1866:1997 & AS3715 – 2002)
- 6060 T5 powder coated to a minimum thickness of 60um
- Stainless Mesh Tests - (AS3715 - 2002, AAMA2603-05, AAMA2605-05, AS2331/ISO2360, ASTM D794, AS3715, ISO1519, JIS Z2241, ASTM E1086)

	Impact	Knife Shear	Jemmy	Pull
Hinged Door	✓	✓	✓	✓
Sliding Door	✓	✓	✓	✓
Fixed Windows	✓	✓	✓	✓
Sliding Windows	✓	✓	✓	✓

MAINTENANCE WARRANTY & CARE GUIDE

MAINTENANCE OF ALUMINIUM INNOVATIONS MESHGARD® PRODUCTS

It is essential for all powder coated metals to be cleaned on a regular basis to preserve the finish over the years. AI Meshgard® and its framing should be cleaned at frequent intervals as indicated below, depending on the amount of contamination that builds up on the surface. The aim of the cleaning operation is to remove the grime that is deposited onto the surface without causing damage to the powder coated surface.

The cleaning method depends on the degree of contamination. Hand cleaning is often the best way for small installations, but large expanses of powder-coated metals, as in multi-storey buildings and large commercial projects call for carefully controlled methods to loosen deposits of dirt and grime.

The surfaces should be washed down with warm water in conjunction with a 'soft' cleaner such as dishing liquid (*recommended cleaner). Fibre brushes may be used to loosen dirt and grime, but abrasives such as sand paper or emery paper must not be used. Acidic or alkaline cleaners are not recommended as they can damage the powder coating (pH ranging from 5 to 8). It is essential to finish off the cleaning by thoroughly rinsing all washed surfaces with clean water.

Where there has been a greasy deposit, the surface should be washed with a white spirit using a soft cloth.

It is essential to note that chemical cleaners may attack the finished surface and must not be used except in consultation with companies who specialise in cleaning powder coating metal surfaces.

Definitions of environments

Mild – Being rural, away from the coast and remote from industry and urban activity

Moderate – Being mainly urban, inland and away from heavy industrial activity

Tropical/Severe – Being coastal/marine, subject to salt deposition and within 15km of the eastern coast or 10km of the western coast of Australia.

Type of Environment	Maintenance Intervals (Max)	Recommended Maintenance Treatment
Mild	6 Months	Warm wash with recommended cleaner*
Moderate	3 Months	Warm wash with recommended cleaner*
Tropical/Severe	2-4 Weeks	Warm wash with recommended cleaner*

Note: To successfully maintain AI Meshgard®, it is important to follow the care and maintenance advice to maintain your warranty. The recommended maximum maintenance intervals provided here are for general guidance only. Some installations may require extra maintenance due to local environmental conditions (proximity to industrial activity, etc.).

Nothing in these terms and conditions shall in any way exclude, restrict or modify the implied warranties under the Trade Practices Act and current Australian Consumer Protection Laws.

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