



## Stainless Steel Mesh Security System





# ABOUT SCREENGUARD

The ScreenGuard™ Stainless Steel Security Mesh System for windows and doors is designed to protect your family and your view.

No longer do you need to look at unsightly grills, bars or other obstructions that spoil your view. Enjoy the finest in security screens with ScreenGuard 316 stainless steel mesh protection.

ScreenGuard aluminium frames are made of T6 extruded aluminium with 316 marine grade stainless steel mesh, that provides both strength, protection and quality. The aluminium is a high quality finish using state-of-the-art equipment.

The anti-corrosion stainless steel wire mesh is coated with a specialised UV protective coating that provides a clear long lasting finish. ScreenGuard's patented security system, meets and exceeds Australian standard AS 5039-2003.

The ScreenGuard range consists of:

- Hinged Door
- Sliding Door
- Windows
- Multi-fold Door\*
- Fixed Screening
- Fire Escape Window System
- Enclosure for Patios

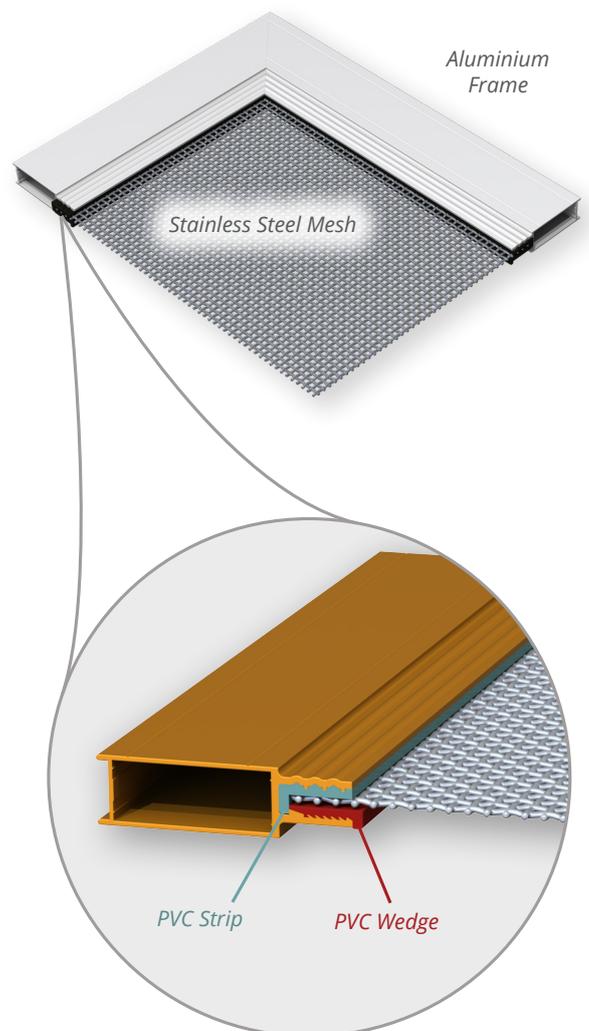
*\*Not tested to AS5039*



# FEATURES AND BENEFITS

- Corrosion Resistant
- Australian designed and engineered
- Resistant against mesh removal
- Easy to fabricate and install
- Taught mesh
- Made of 316 grade stainless steel mesh
- Bushfire rated
- Tested to Australian Standards AS 5039-2003 and BAL 40 Rating

ScreenGuard's patented 3 point internal rib design provides additional resistance against mesh removal by an intruder.



# SCREENGUARD PRODUCT TESTING

ScreenGuard's patented security screen products have been tested and meet Australian Standard AS5039/5041. These tests are designed to simulate an attack using force to gain entry into a home.



## DYNAMIC IMPACT TEST

Australian Standard AS5039/5041-2008 Security Screen Doors and Security Windows Grilles.

ScreenGuard's patented two-piece wedge and seat design is simple yet strong. It has been tested beyond the Australian standard by resisting all five impacts well beyond the 100 joules required. Exceeding the standard requirements ensures ScreenGuard is fit for purpose.

DYNAMIC IMPACT TEST	TEST NO.	PASS
Hinged Security Screen Door	AZT0261.19	Y
Sliding Security Screen Door	AZT0063.12	Y
Security Window Grille	AZT0290.14	Y



## ANTI-JEMMY TEST

Australian Standard AS5039/5041-2008 Security Screen Doors and Security Windows Grilles.

ScreenGuard successfully passed jimmy attack testing simulating an intruder attacking with items such as screwdrivers and a large amount of force. Testing has been repeated for a range of major hardware products sold by Darley Aluminium to give customers a range of locking options.

ANTI-JEMMY TEST	TEST NO.	PASS
Hinged Security Screen Door	AZT0261.19	Y
Sliding Security Screen Door	AZT0063.12	Y
Security Window Grille	AZT0290.14	Y



## KNIFE SHEAR TEST

Australian Standard AS5039-2008 Security Screen Doors and Security Windows Grilles.

Another important successful feature of ScreenGuard is its resistance to knife attack by passing the Australian standard requirements simulating an intruder trying to gain entry using a utility knife.

KNIFE SHEAR TEST	TEST NO.	PASS
ScreenGuard Mesh	AZT0451.17	Y



## CHILD FALL PREVENTION

Protection of openable windows.

With appropriate installation, ScreenGuard has proven to be a suitable option to help prevent children from falling from high windows.

OUTWARD FORCE TEST	PASS
Resist 250N Outward Force	Y



## BUSHFIRE RATED

Australian Standard AS3959-2009 Construction of buildings in bushfire-prone areas.

ScreenGuard is bushfire-rated and protects your property from floating embers and reduces heat intensity of radiant heat flux.

BUSHFIRE TEST	PASS
BAL40 rating for ScreenGuard	Y



## FIRE ATTENUATION

Australian Standard AS1530.4-2005 Appendix B7.

Assists in protecting fire and radiant heat spread between buildings in the event of a fire.

FIRE ATTENUATION TEST	TEST NO.	PASS
Achieves a fire attenuation rating of up to 44% at 40kW/m <sup>2</sup> incident energy	2519600.1	Y

*All testing is carried out by a NATA registered independent testing laboratory according to strict Australian standards.*





# SERVERY WINDOW



We all love to entertain. Install a servery window to easily pass food from kitchen to your external entertaining area, all with the security of Screenguard.

# SCREEN BI-FOLD SYSTEM



For those large door systems, Screenguard has the answer. Combine indoor and outdoor living whilst maintaining your lifestyle. Long-life performance is enhanced with quality Brio componentry.

# SLIDING STACKING SCREEN SYSTEM



As doors have become larger Screenguard has continued to evolve. Large stacker doors that slide back to maximise the open space and allow fresh air, clear vision and security. Large doors can still be fabricated with taut mesh for perfect appearance and performance.



# TRIPLE LOCK KIT AVAILABLE

To meet Australian Standard AS 5039-2003 a triple lock kit must be fitted. Darley has a range of locking options including locks from brands such as Austral Lock, Brio, Whitco and Assa Abloy.



Brio



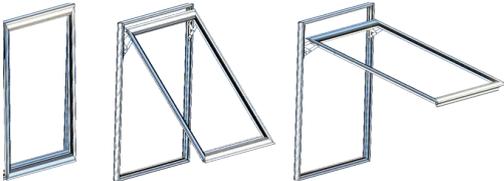


# SCRENGUARD *ACCESS FIRE* ESCAPE SYSTEM

Access Fire Escape Systems are integrated into the ScreenGuard system for a quick and easy escape in the event of a house fire or any other emergency. A simple and quick latching system enables you to only open the window from the inside.

It also features:

- A unique built-in locking action
- Is self supporting and stays open while you escape
- No need for extra locks



**A**WNING  
**C**ASEMENT  
**C**LEANING  
**E**SCAPE  
**S**ERVERY  
**S**ECURITY



# BUSHFIRE TESTING

ScreenGuard Screens have undergone stringent bushfire testing to ensure quality performance in the event of a bushfire.

- BAL 40 Rating
- Floating Ember Safe
- 40.2kW / m2 Heat Flux Tested
- 10-10 Rule Achieved

ScreenGuard bushfire rated screens use specially developed fire retardant L seats and co-extruded wedges. The stainless steel mesh used in ScreenGuard™ screens complies with bushfire ember resistance regulations. When ordering screens for a bushfire prone area, please advise your ScreenGuard fabricator to order these bushfire tested products.

All bushfire testing was carried out by a NATA registered independent testing laboratory to strict Australian Standards using a pilot fire resistance furnace meeting requirements of AS 1530.4-2005.

## 10 YEAR WARRANTY

ScreenGuard product warranty is for 10 years from the date of product installation.

This warranty is to the original purchaser providing always that the product care and maintenance recommendations have been complied with during that period.

ScreenGuard warrants its product to be free from defects in materials and manufacturing when fabricated in accordance with the ScreenGuard fabricator instructions.

This warranty does not apply to damaged caused by abuse, fire, accident, acts of God or alteration to the original product in any part.





# CARE AND MAINTENANCE

Your ScreenGuard security screen system will require regular maintenance to remove contaminants caused by pollution, industry, salt and climatic conditions.

It is recommended to use a soft bristled brush or non-abrasive cloth with warm water and a neutral detergent, then rinse with water. Abrasive cleaners and harsh detergents are not recommended as these can scratch or damage the surface area.

The following table indicates the suggested frequency of maintenance:

ENVIRONMENT	DEFINITION	FREQUENCY
Mild	15km from coastal / rural / suburban areas	Every 6 months
Moderate	10km from coastal / high traffic areas	Every 3 months
Severe / Coastal	5km from coastal / marine / heavy industrial areas	Every 2 weeks

## SCREENGUARD POWAWASH

Regular maintenance with ScreenGuard Powawash is required to comply with your ScreenGuard 10 year warranty.

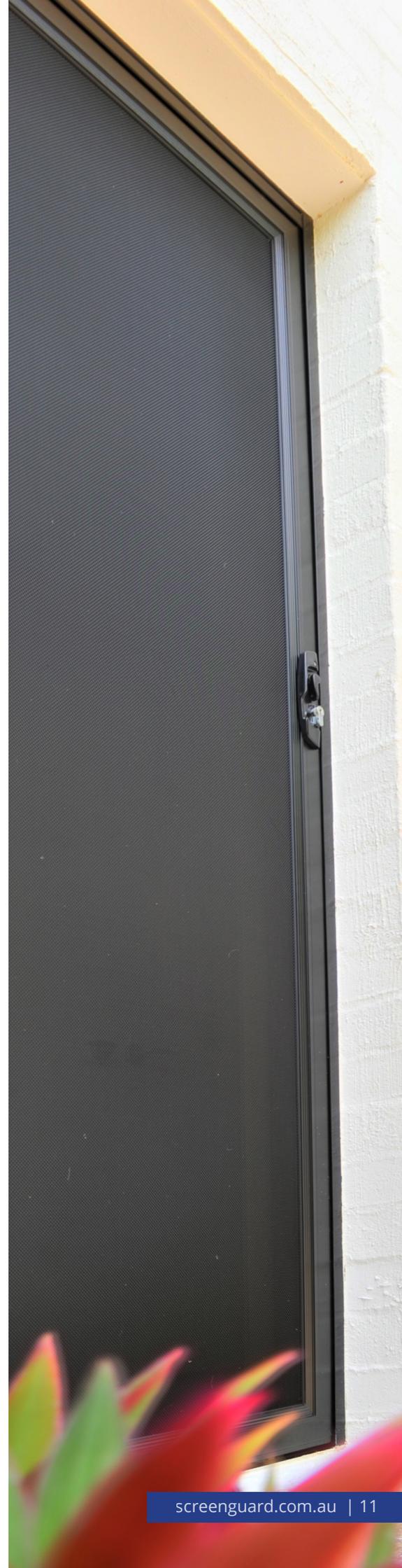
Mix 3 caps (25ml) per Litre of water. It is recommended to use a soft bristled brush or non-abrasive cloth, then rinse with water.

ScreenGuard Powawash is:

- non-toxic
- biodegradable
- user-friendly
- environmentally friendlier



200ml per bottle





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*Contact your local fabricator:*

