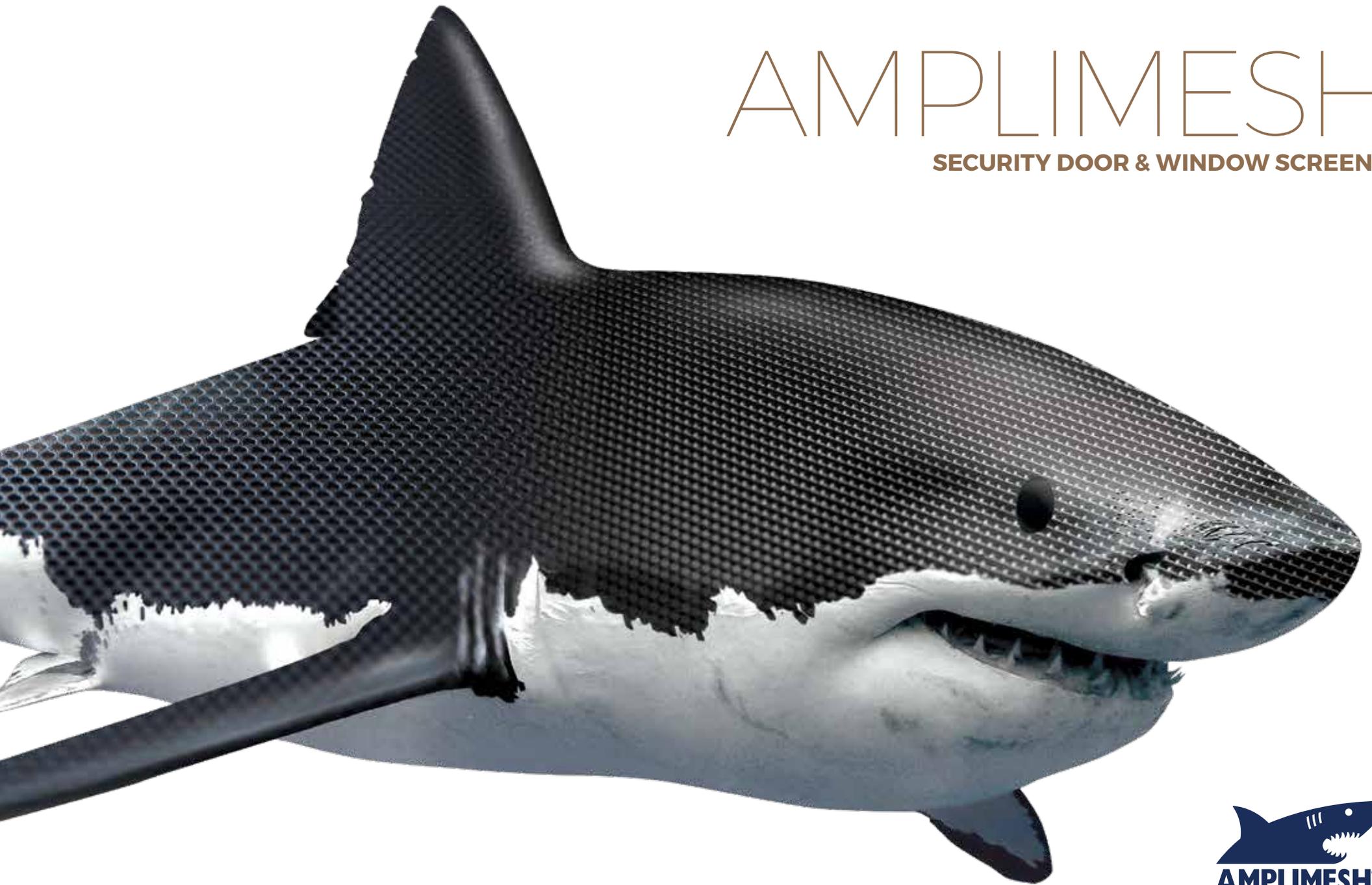# AMPLIMESH

## SECURITY DOOR & WINDOW SCREENS

AMPLIMESH®

It's easy to see why over the last fifty years, more than **2 million Australians have chosen Amplimesh®** to secure their homes. Amplimesh® Security Doors and Window Screens are clearly Australia's first choice in keeping homes safe and secure.

**2** *million* AUSTRALIAN FAMILIES SECURED

**50** *years* COMMERCIAL EXPERIENCE

**16** *year* SUPASCREEN WARRANTY

> "We really thought we would have to sacrifice our view for added security, but with Amplimesh® we have the best of both worlds. We couldn't be happier.

**Lianne, Bendigo VIC**

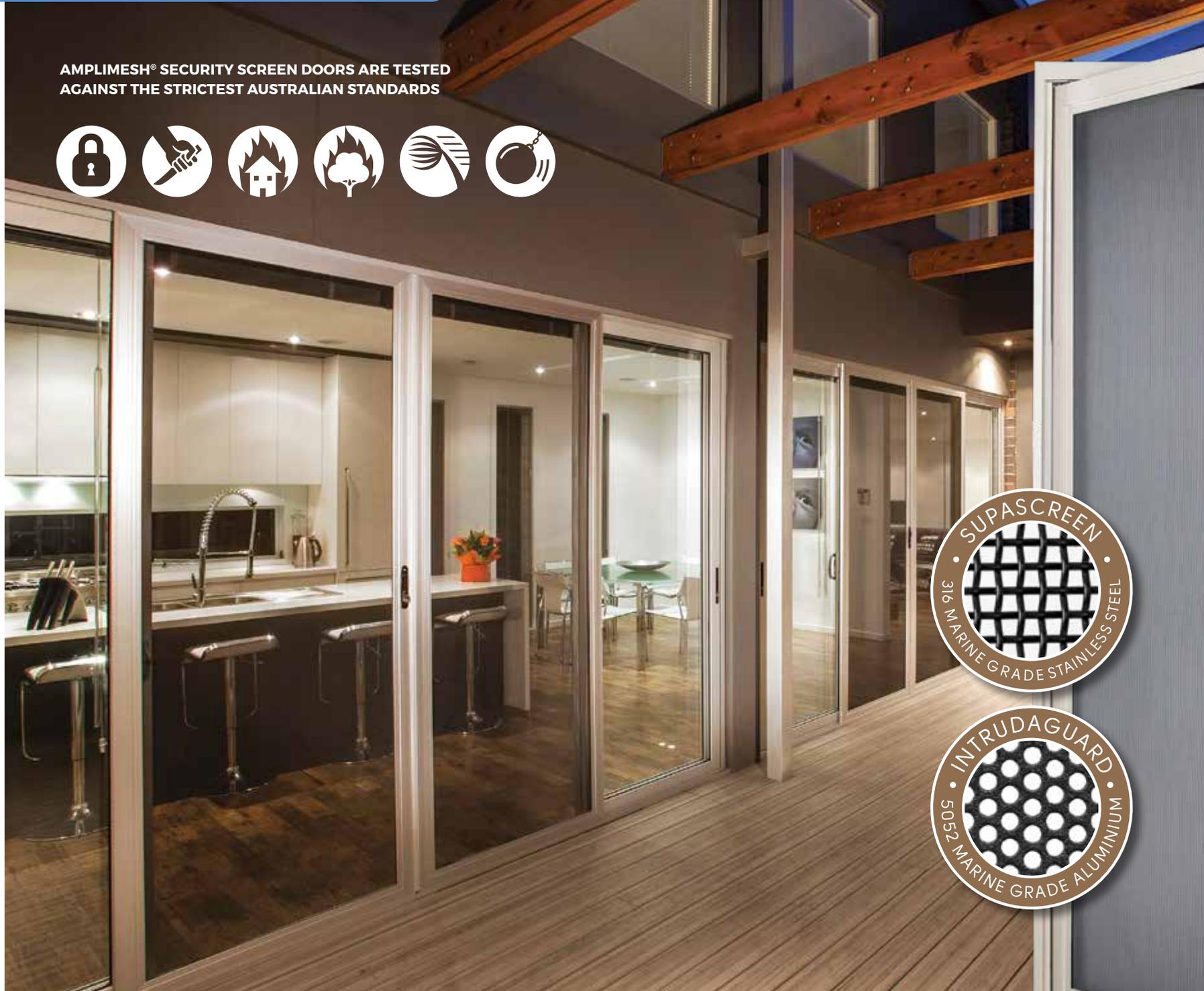**Amplimesh partners with:**

NSA — NATIONAL SECURITY SCREEN ASSOCIATION

**AMPLIMESH® SECURITY SCREEN DOORS ARE TESTED AGAINST THE STRICTEST AUSTRALIAN STANDARDS**

**HINGED DOORS**

**SLIDING DOORS**

SUPASCREEN
316 MARINE GRADE STAINLESS STEEL

INTRUDAGUARD
5052 MARINE GRADE ALUMINIUM

## SECURITY SCREEN

# DOORS

Amplimesh® Security Screen Doors offer the comfort of fresh air flowing through your home with clear and unobstructed outdoor views. Their strength and durability also offer the peace of mind of knowing your home is secured.

AVAILABLE IN

MARINE GRADE 316 STAINLESS STEEL

AMPLIMESH · SUPASCREEN 16 YEARS WARRANTY

OR

MARINE GRADE 50 52 TEMPERED ALUMINIUM

AMPLIMESH · INTRUDAGUARD 10 YEARS WARRANTY

## SUPASCREEN                    INTRUDAGUARD

Amplimesh® Security Screen Doors come in a range of formats, including hinged, sliding and folding, and are custom manufactured, measured and installed to suit your home. Your local Amplimesh® Authorised Expert will help you customise the finish and colour of your security screen product to match the architecture and design of your living space. Amplimesh® Security Screens not only stand the test of time but they look great in the process.

**FIXED WINDOW SCREENS**

**WINDOW EXIT SCREENS**
(PUSH OUT STYLE)

**AMPLIMESH® SECURITY WINDOW SCREENS ARE TESTED AGAINST THE STRICTEST AUSTRALIAN STANDARDS**
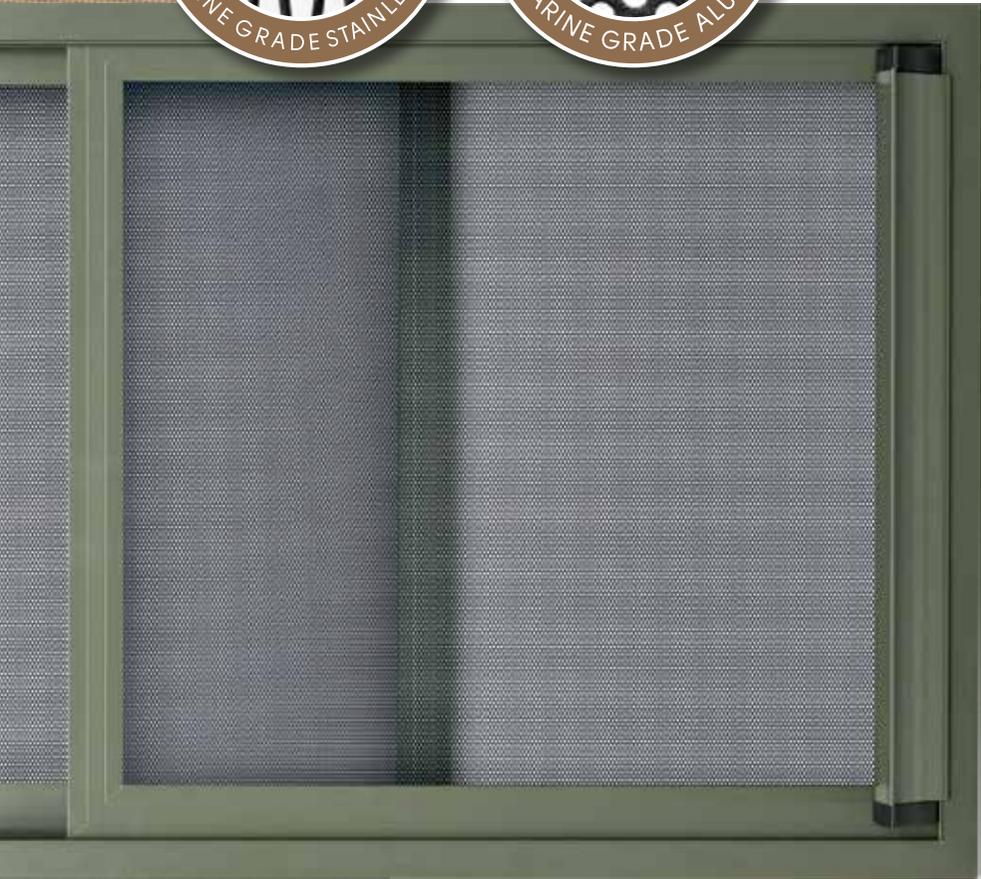
**KEEPING KIDS SAFE**

Amplimesh® fixed security window screens are built using fall prevention technology. Please refer to Australian standards at the back of this brochure.

**SUPASCREEN**
316 MARINE GRADE STAINLESS STEEL

**INTRUDAGUARD**
5052 MARINE GRADE ALUMINIUM

**WINDOW EXIT SCREENS**
(SLIDING STYLE)

**SECURITY SCREENS** for

# WINDOWS

As windows increase in size, so does their attractiveness to thieves and other unwanted intruders. Amplimesh® Window Screens allow fresh air to flow through your home, while providing the peace of mind that your home is secure.

AVAILABLE IN

MARINE GRADE STAINLESS STEEL **316**

AMPLIMESH • SUPASCREEN • WARRANTY **16** YEARS

OR

MARINE GRADE TEMPERED ALUMINIUM **50 52**

AMPLIMESH • INTRUDAGUARD • WARRANTY **10** YEARS

**SUPASCREEN**    **INTRUDAGUARD**

Amplimesh® Security Window Screens come in both fixed and exit formats. Amplimesh® Security Exit Screens maintain the same high level of security and great looks as fixed screens but with the added benefit that your family has a simple escape route in the case of an emergency. Exit screens come fitted with simple to operate, but child friendly push-open or slide-open mechanisms. Where fall prevention is the greater concern, Amplimesh® Fixed Window Screens are fitted with fall prevention technology which is designed and rated to prevent pushing the screens out from the inside when the screens are fitted on a higher floor.

# SUPASCREEN® SECURITY MESH

**16 YEARS WARRANTY** · AMPLIMESH · SUPASCREEN

**SUPASCREEN** · 316 MARINE GRADE STAINLESS STEEL

**156°**
**ANGLE OF VIEW**

Using high tensile 316 marine grade stainless steel, woven into a fine mesh, Amplimesh® SupaScreen® is a modern innovation in security technology. SupaScreen® Security Screen Doors and Window Screens are assembled using a unique patented pressure process, eliminating the need for screws, rivets, pins or snap-ins to retain the mesh panel. This system also ensures no dissimilar metal surfaces come into contact with each other, avoiding the possibility of corrosion.

We're so sure of the quality of SupaScreen® Security Doors and Window Screens that we cover them with a 16 year warranty.

## BENEFITS OF SUPASCREEN®

- Tested to Australian Standard AS5039-2008 for maximum impact and shear resistance
- Enjoy clear unobstructed 156 degree angle of view
- High tensile 316 marine grade stainless steel
- Unique patented pressure process
- WERS rated for UV resistance and energy efficiency
- Superior protection against flying and crawling insects and pests
- Corrosion resistant
- Available in a range of frame colours
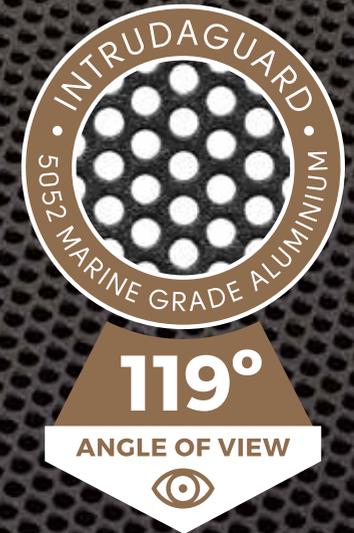- Includes standard hardware
- 3 point locking mechanism

# INTRUDAGUARD®
# SECURITY MESH

Made from specially tempered 5052 marine grade aluminium with a distinguished perforated design, Amplimesh® IntrudaGuard® Security Doors and Window Screens are assembled using a unique bonding process that eliminates the need for any unsightly fixings. An all aluminium framing system also prevents any galvanic corrosion from occuring, increasing the life of your screen.

We're so sure of the quality of IntrudaGuard® Security Doors and Window Screens that we cover them with a 10 year warranty.

## BENEFITS OF INTRUDAGUARD®

- Tested to Australian Standard AS5039-2008 for maximum impact and shear resistance
- Enjoy clear unobstructed 119 degree angle of view
- Specially tempered 5052 marine grade aluminium
- Distinctive 60˚ staggered pitch, round hole, perforated design
- WERS rated for UV resistance and energy efficiency
- Superior protection against flying and crawling insects and pests
- Corrosion resistant
- Available in a range of frame colours
- Includes standard hardware
- 3 point locking mechanism

INTRUDAGUARD · 5052 MARINE GRADE ALUMINIUM

**119°**
**ANGLE OF VIEW**

Class leading viewing angle for perforated aluminium security screens
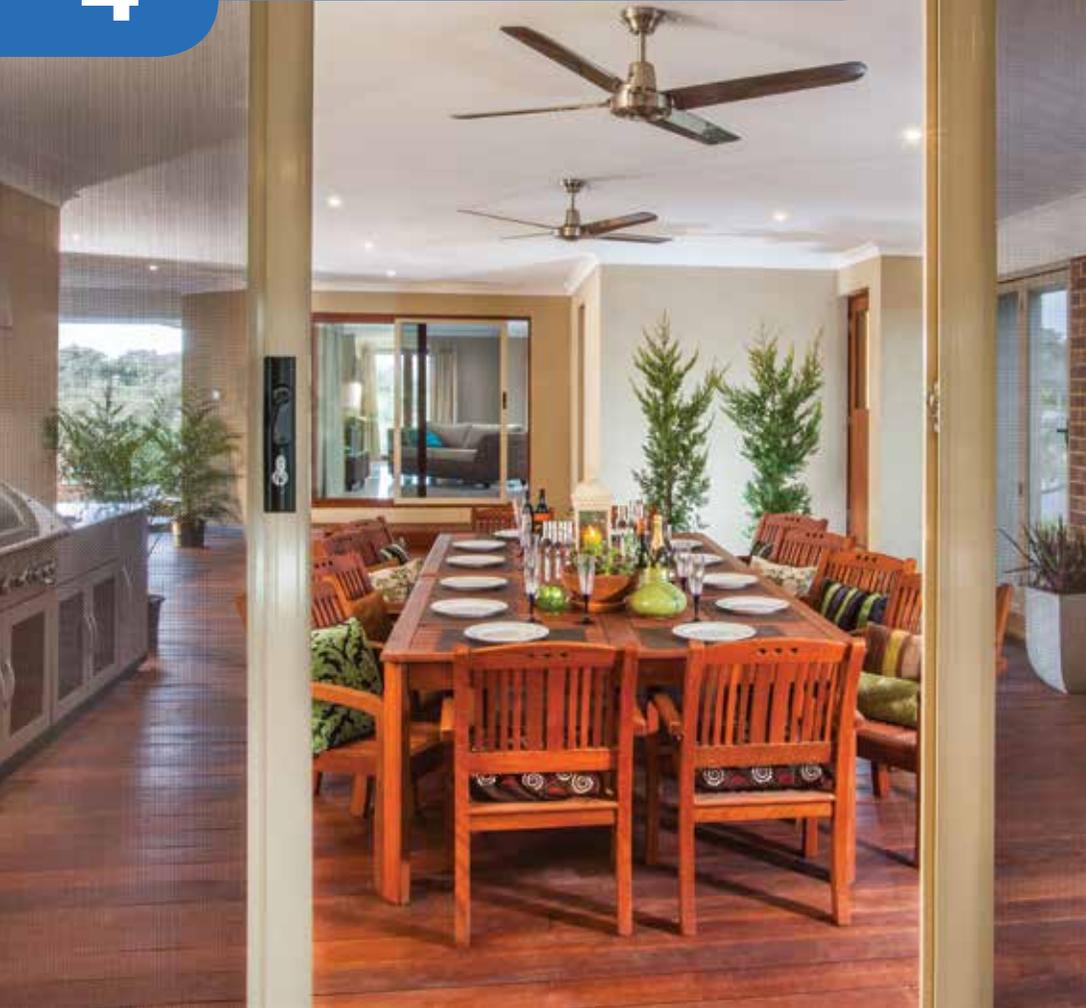
# CHOOSE THE PERFECT SECURITY SCREEN TO SUIT YOUR STYLE

| | Professionally installed | Custom made for you | Free measure and quote | Manufactured in Australia | Fall Prevention Suitable | Bushfire Region Suitable | Cyclonic Region Suitable | Knife Shear Test Pass | Insect Protection | UV Protection & WERS tested |
|---|---|---|---|---|---|---|---|---|---|---|
| **SUPASCREEN** 316 MARINE GRADE STAINLESS STEEL — 156° ANGLE OF VIEW | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| **INTRUDAGUARD** 5052 MARINE GRADE ALUMINIUM — 119° ANGLE OF VIEW | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✘ | ✔ | ✔ | ✔ |

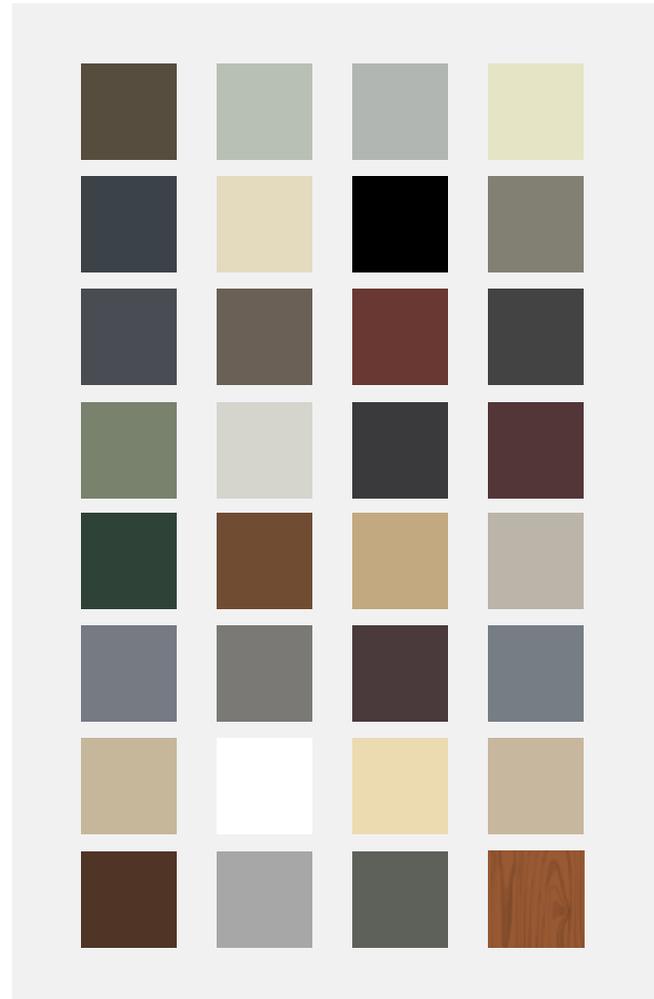| Triple-lock locking system | Intruder Resistant | Impact Resistant | Custom Colours | Marine Grade | BAL Rating (Bushfire Attack Level) | Ventilation -Air Flow | Screen Aperture | Viewing Angle | Warranty | Price Range | Material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ✓ | ✓ | ✓ | ✓ | ✓ | BUSHFIRE ATTENUATION LEVEL / FLAME ZONE / FZ / BAL | 41% | 1.6mm | 156° | AMPLIMESH · SUPASCREEN 16 YEARS WARRANTY | $$ | 316 marine grade stainless steel (0.80mm high tensile) |
| ✓ | ✓ | ✓ | ✓ | ✓ | BUSHFIRE ATTENUATION LEVEL / 29 / BAL — from March 2018 | 41% | 2.0mm | 119° | AMPLIMESH · INTRUDAGUARD 10 YEARS WARRANTY | $ | 5052 marine grade aluminium alloy (1.2mm) |

# WHO KNEW HOME SECURITY COULD BE SO BEAUTIFUL?

No matter where you live, Amplimesh® has a security screen solution that will integrate seamlessly with the materials, colours, and decor of your home.

# CUSTOMISE YOUR SECURITY SCREEN

Talk to your local Amplimesh® Authorised Expert for a wide selection of colour and finishing options to make your security door or window screen fit your home.

# DON'T FORGET THE DETAILS

Our Amplimesh® Authorised Experts can help tailor your security screen door or window screen to your space by providing a variety of options including bug strips, pet doors and custom framing options.

**Chrome door handle**

**High quality standard hardware**

**Door closer**

**Bug strip**

**Black door handle**

Standard Triple-lock

Pet door

Silver sliding door handle

Folding door panel locks

Folding door pull handle

Custom colour frames

Sliding door wheels

# MEASURED, MANUFACTURED & INSTALLED

CERTIFIED DEALER OF

Authorised

EST 1965

★ ★ ★

AMPLIMESH SECURITY SCREENS

Contact your local Amplimesh® Authorised Dealer to help you customise the perfect security screen solution for your space.

# AUSTRALIAN STANDARDS

Amplimesh® Security Products are rigorously tested to ensure they meet a number of relevant Australian and industry Standards including:

## Security Testing
(Australian Standard AS5039-2008 & AS5041-2003)

SupaScreen® Stainless Steel and IntrudaGuard® Aluminium security products are subjected to a rigorous regime of impact tests, jemmy attacks and pull testing under this standard, to ensure that the inherent strength and structural integrity of the manufactured security product is maintained.

## Performance Testing
(Australian Standard AS5041)

The dynamic impact test was created to imitate an intruder attempting to kick, shoulder or otherwise force their way through the screen. The accepted and standardised test to replicate this is five 100 joule impacts (Energy).

## Knife Shear Test
(Australian Standard AS5039-2008 & AS5041-2003)

SupaScreen® Stainless Steel and IntrudaGuard® Aluminium security products are tested for material hardness and tensile strength by subjecting the mesh to a standardised physical cutting attack, which draws a knife over the mesh a number of times.

## Performance Testing – Single Impact
(Australian Standard AS1170.2-2002, Clause 5.3.2)

Amplimesh® SupaScreen® products have been proven to not only withstand the Australian Standard impact requirements of 5 × 100J impacts, but also additional singular impact performance testing of up to 3200J.

## Fire Attenuation Test
(Australian Standard AS1530.4-2005, Appendix B7)

SupaScreen® Stainless Steel security products have been tested in general accordance with this standard and when exposed to incident radiant heat SupaScreen® achieves a 41% reduction in the radiant heat flux between the inside and outside of the product.

## Bushfire Compliance
(Australian Standard AS3959-2009)

When used in conjunction with a compliant bushfire window or door AS1530.8.1/2-2007 SupaScreen Stainless Steel security products satisfy the screening requirements for all bushfire attack levels up to and including BAL-FZ (Flame Zone). SupaScreen® offers excellent protection from ember attack, reduces radiant heat and will protect glass from the impact of burning debris.

## Cyclone Missile Impacts
(Australian Standard AS1170.2-2011)

In cyclonic regions glazed windows and doors may need to be protected from flying debris. SupaScreen® Stainless Steel security products have been tested to resist a 4kg, 100mm x 50mm timber travelling at 34m/s fired from an air canon. The screen is then shot an additional five times with 8mm steel ball bearings, shot into the screen at the same speed.

## Amplimesh® Fall Prevention Technology
(Australian Standard AS5203-2016)

Amplimesh® Fall Prevention Technology keeping you safe.

The National Construction Code requires the protection of window openings in bedrooms that are located within 1700mm of the internal finished floor level and where the external fall externally is greater than 2 meters.

Openings in all other rooms that are located within 895mm of the internal finished floor level and where the fall externally is greater than 4 meters will also need to be protected.

The protection of window opening can be achieved with an Amplimesh® SupaScreen® or IntrudaGuard® fixed window screen that has been proven to meet the testing requirements of Australian Standard AS5203-2016.

# MATERIALS

### SupaScreen® – 316 Marine Grade Stainless Steel

SupaScreen® 316 marine grade stainless steel exceeds the exposure milestone of 10,000 hours of salt spray, perfect for seaside environments. SupaScreen® by Amplimesh® proudly uses high tensile 316 marine grade stainless steel in all SupaScreen® security products. High tensile woven stainless steel wire has an approximate strength of 970MPa and is particularly resistant to knife attacks.

### IntrudaGuard® – 5052 Marine Grade Aluminium

Made from specially tempered 5052 marine grade aluminium with a distinguished perforated design, Amplimesh® IntrudaGuard® Security Doors and Window Screens are assembled using a unique bonding process that eliminates the need for any unsightly fixings. This system also ensures no dissimilar metal surfaces come into contact with each other, avoiding the possibility of corrosion.

### Proudly made in Australia

All Amplimesh® security door and window frames are extruded locally in Australia from Capral Aluminium.

### Window Energy Ratings Scheme

Depending on the type of existing glazing at your property, Amplimesh® SupaScreen® security products come accredited for use by the Window Energy Ratings Scheme (WERS) and can achieve up to $4\frac{1}{2}$ stars for cooling climates. Helping you reduce your home's energy footprint and assisting your home to stay cool in summer.
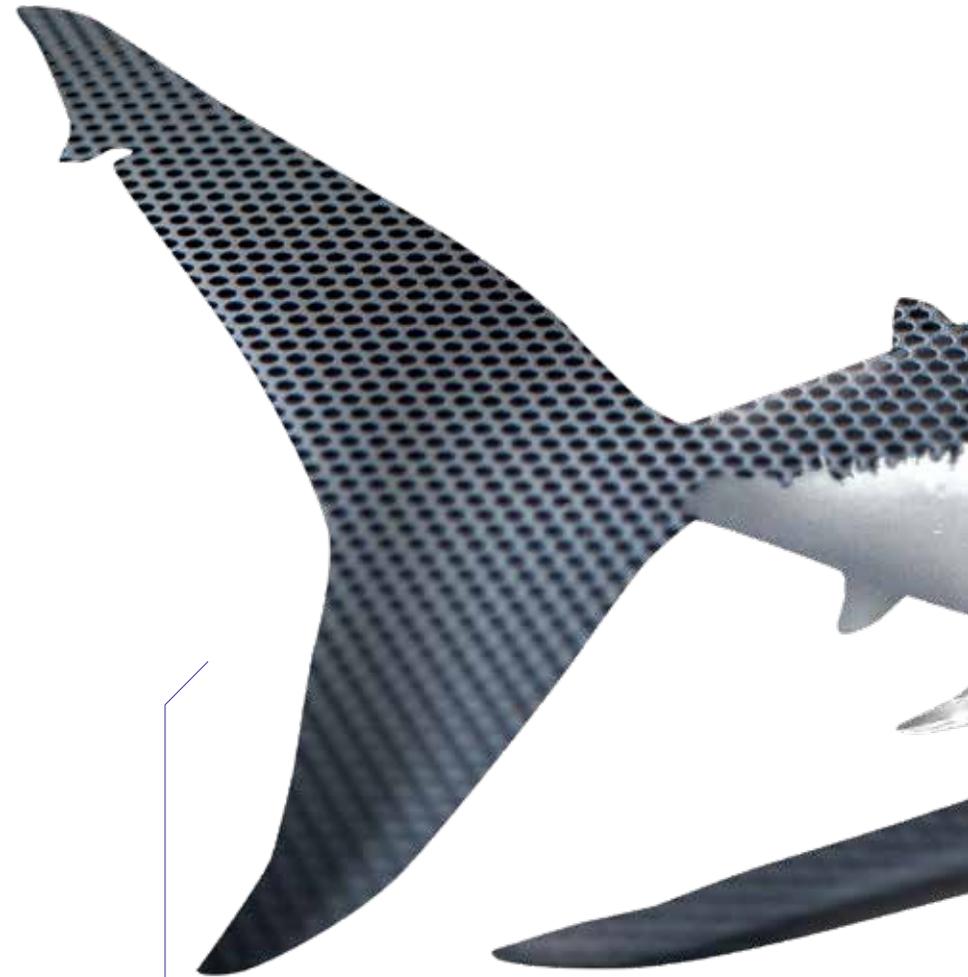
### National Security Screen Association

Amplimesh® is a fully accredited member of the National Security Screen Association. This national body is backed by major suppliers in the security screen industry, who together deliver more than 80% of the security screen products sold in Australia. This allows the NSSA to ensure manufacturers deliver a high quality product in accordance with the Australian Standards.

**AMPLIMESH®**

**1800 267 546**

**amplimesh.com.au**

AMPLIMESH®