Amplimesh®
Security Door & Window Screens

Feel safe inside.

SUPASCREEN   STORMGUARD   INTRUDAGUARD   PRIVACYGUARD

AMPLIMESH®

Why Choose Amplimesh®

2.1 **MILLION** *Australian families secured*

16 **YEARS** *SupaScreen® Warranty*

55 **YEARS** *Commercial Experience*

OUR AUTHORISED AMPLIMESH® DEALERS ARE LOCAL TO YOU.

Our network of Authorised Amplimesh® Dealers extends across Australia, so your security products can be installed by a local, authorised professional who understands your suburb and concerns better than anyone else.

A SCREEN FOR ANY STYLE

We offer a full selection of hinged, sliding and folding doors, as well as fixed, sliding and exit windows in a range of colours to suit any home.

Pair this with four screen infills to choose from – SupaScreen®, IntrudaGuard®, PrivacyGuard® and Diamond Grille, and you're sure to find a screen that fits both your style and budget.

ONE OF THE BEST WARRANTIES ON THE MARKET

We know our security screens can stand the test of time. That's why we're able to offer some of the best warranties on the market.

With an unbeatable 16-year warranty on SupaScreen® and StormGuard®, 10-year warranty on IntrudaGuard® and 7-year warranty on PrivacyGuard®, you can be confident in your decision to purchase Amplimesh® screens.

BACKED BY THE BEST

Amplimesh® is backed by Capral Aluminium, Australia's largest extruder and distributor of aluminium products, who has been in the industry for over 85 years.

This means we have access to one of Australia's most experienced research and development teams, ensuring our security products are innovative, stylish and up to Australian Standards.

Professionally Installed

Custom Built, Made to Size

Australian Tested & Manufactured

Triple-lock Locking System

Our Range

Amplimesh® offers a range of products to suit your budget, application and style.

All Amplimesh® products are manufactured and installed by licensed dealers to give you peace of mind so you and your family can feel safe inside.

SUPASCREEN®

STORMGUARD®

INTRUDAGUARD®

PRIVACYGUARD®

DIAMOND GRILLE

> " *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**

SUPASCREEN®

IF YOU'RE AFTER THE BEST OF THE BEST, LOOK NO FURTHER THAN SUPASCREEN®.

Strong and discreet, SupaScreen® is made out of genuine Meshtec high tensile 316 Marine Grade Stainless Steel that is woven into a fine mesh. With a wide 156° angle of view, SupaScreen® is a modern innovation in security technology under the guise of a flyscreen.
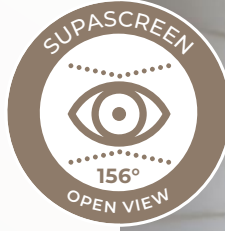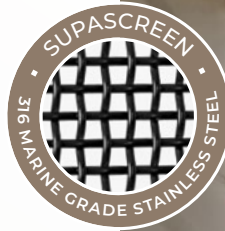
SupaScreen® security screen doors and window screens are assembled using a patented "pressure fit" mesh retaining system.

This technology prevents the aluminium frame and 316 Marine Grade Stainless Steel mesh from coming into contact with each other, resisting galvanic corrosion and increasing the products lifespan.

This system also eliminates the need for screws, rivets, pins or snap-ins to retain the mesh panel.

Originating in Australia, Meshtec International is the global leader in supplying high tensile stainless steel security screens.

Each strand of wire used to manufacture SupaScreen® mesh is individually tested to stringent international standards.

SUPASCREEN
316 MARINE GRADE STAINLESS STEEL

BUSHFIRE ATTACK LEVEL
40
BAL

SUPASCREEN
156°
OPEN VIEW

AMPLIMESH · SUPASCREEN
16
YEAR
WARRANTY

GENUINE
316
MESHTEC
SECURITY MESH

STORMGUARD®

STORMGUARD® PROVIDES THE ULTIMATE IN CYCLONIC IMPACT PERFORMANCE, SECURITY AND MODERN LOOKS.

At the center of every StormGuard® screen, is an ultra high tensile Stainless steel mesh which offers exceptional strength and corrosion resistance, without compromising on natural light and ventilation.

StormGuard® cyclone screens have been rigorously tested to meet and exceed the requirements of cyclonic impact speeds up to 44m/s. The performance of StormGuard® screens exceeds the Australian standard, offering unprecedented levels of security.

The StormGuard® patented* Isolated Screw Clamp (ISC) mesh retention system combines extreme wedge pressure, high friction materials, and custom engineered screw clamps to efficiently absorb and disperse impact energy equally along the frame ensuring every single mesh strand is secured.

* Innovation Patent No. 2021102984

STORMGUARD • 316 MARINE GRADE STAINLESS STEEL

STORMGUARD • 156° WIDE VIEW

AMPLIMESH • STORMGUARD • 16 YEAR WARRANTY

GENUINE 316
MESHTEC SECURITY MESH

INTRUDAGUARD®

MAKE A STATEMENT AND FEEL SECURE WITH OUR PERFORATED ALUMINIUM SCREEN, INTRUDAGUARD®.

Durable and corrosion-resistant, IntrudaGuard® is made from a single sheet of marine-grade aluminium with a distinguished design, making it not only corrosion resistant, but easy to maintain.

Offering a 119° angle of view, IntrudaGuard® screens reduce glare whilst allowing fresh air to flow through your home.

IntrudaGuard® security doors and patented bonding process with a bead that eliminates the need for any unsightly fixings.

On top of this, as all materials are aluminium, there is no chance of galvanic corrosion.

INTRUDAGUARD • 5052 MARINE GRADE ALUMINIUM

BUSHFIRE ATTACK LEVEL
29
BAL

INTRUDAGUARD
119°
MODERATE VIEW

AMPLIMESH • INTRUDAGUARD
10 YEAR
WARRANTY

PRIVACYGUARD®

ENJOY YOUR VIEW AND PROTECT YOUR PRIVACY WITH PRIVACYGUARD®.

With PrivacyGuard® restricted vision mesh, anyone looking into your home will have limited vision while those inside the home will have minimal visual obstruction, allowing you to see what's going on outside.

Made from aluminium sheet, PrivacyGuard® uses a patented bonding system to retain the mesh, ensuring your home is secure.

If privacy is your number one priority, then PrivacyGuard® is the screen for you.

DISCLAIMER

Restricted vision mesh functions during standard daylight hours when light transmission occurs from either side of the mesh. This mesh is subject to performance limitations at night when illuminated from inside.

PRIVACYGUARD • TAPERED DIRECTIONAL OPENINGS

BUSHFIRE ATTACK LEVEL
29
BAL

PRIVACYGUARD
RESTRICTED VIEW

AMPLIMESH • PRIVACYGUARD
7 YEAR
WARRANTY

DIAMOND GRILLE

DIAMOND GRILLE
ALUMINIUM

The original Amplimesh® solution and one of the most common entry door styles in Australia.

Diamond Grille is an affordable sceening solution for your home and can be a deterrent for would-be intruders.

	SUPASCREEN®	STORMGUARD®	INTRUDAGUARD®	PRIVACYGUARD®	DIAMOND GRILLE
MATERIAL	316 Marine Grade Stainless Steel (0.8mm high tensile) 900±40MPa	316 Marine Grade Stainless Steel (0.8mm high tensile) 900±40MPa	5052 Marine Grade Aluminium Alloy (1.2mm)	Aluminium (1.2mm)	Aluminium (7mm)
WARRANTY	16 years	16 years	10 years	7 years	N/A
VIEWING ANGLE	156º	156º	119º	Restricted vision mesh	N/A
SCREEN APERTURE	1.5mm x 1.6mm	1.5mm x 1.6mm	2.0mm	4mm x 1mm	N/A [3]
VENTILATION/AIR FLOW	41%	41%	40%	10.8%	N/A [3]
BAL RATING	BAL40 / BALFZ [2]	BAL-40	BAL29	BAL29	N/A [3]
FALL PREVENTION	✓	✓	✓	✓	✗
CYCLONIC REGION	✓	✓	✗	✗	✗
KNIFE SHEAR TEST	✓	✓	✓	✓	✗
UV PROTECTION	✓	✓	✓	✓	✗
WERS TESTED	✓	✗	✓	✗	✗
TRIPLE-LOCK	✓	✓	✓	✓	✓
IMPACT RESISTANT	✓	✓	✓	✓	✗
INSECT PROTECTION [1]	✓	✓	✓	✓	✓ [3]
PRICE RANGE	$$$	$$$$	$$	$$	$

[1] Insect or security mesh provides an effective barrier to insects larger than the stated aperture of the mesh. Insects smaller than the stated aperture may not be impeded.

[2] **Bushfire Testing for SupaScreen® (Australian Standard AS3959-2018)**
SupaScreen® has been independently tested to meet the requirements for BAL-40 (Bushfire Attack Level). When used in bushfire prone areas rated BAL-FZ SupaScreen® must be used in conjunction with a window that has an FRL of at least -/30/- or in accordance with AS1530.8.2.

[3] Dependant on mesh used with Diamond Grille

Testing Information

Amplimesh® security screens are rigorously tested to ensure they meet Australian and industry standards.

SECURITY TESTING AUSTRALIAN STANDARD
AUSTRALIAN STANDARDS AS5039-2008 & AS5041-2003

Amplimesh® SupaScreen® and StormGuard® 316 Marine Grade Stainless Steel, IntrudaGuard® Aluminium, and PrivacyGuard® Aluminium security products are subjected to a rigorous regime of impact tests, jemmy tests, pull testing and knife shear tests under this standard, to ensure that the inherent strength and structural integrity of the manufactured security product is maintained.

DYNAMIC IMPACT TEST

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).

JEMMY TEST

The test simulates an intruder using a lever such as an industrial large scale screwdriver to try and pry open locking and hinge areas on a security door or window screen installation. The force applied is up to 450N (45kg) for 20 seconds, above and beyond the strength of many would-be intruders.

KNIFE SHEAR TEST

Security screens 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.

SupaScreen®, StormGuard®, IntrudaGuard® and PrivacyGuard® products have passed all Australian Standards for security screens.

> "My mum had Amplimesh® on her home and she loved it – now I've got it on my family home. Love the fact our home is protected 24/7 even if we're on holidays.

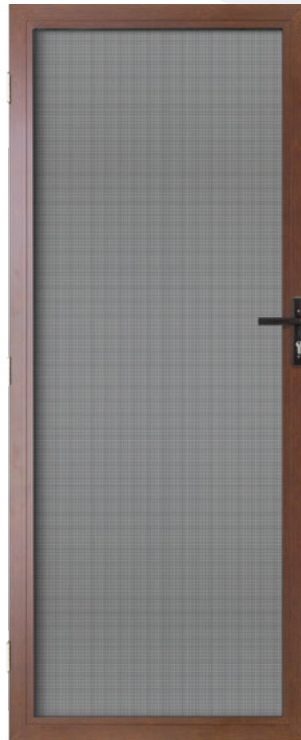**ALINA, COTTESLOE WA**

SupaScreen® pictured.

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 allow you to feel safe inside knowing your home is secured.

Available in a range of formats, including hinged, sliding and folding, all Amplimesh® doors are custom measured, manufactured and installed to suit your home.

Your local Authorised Amplimesh® Dealer will help you customise the finish and colour of your security door to match the architecture and design of your living space.

FOLDING DOORS

HINGED DOORS

SLIDING DOORS

Windows

As windows increase in size, so does their attractiveness to thieves. Amplimesh® window screens allow fresh air to flow through your home, while providing the peace of mind that your home is secure.

Amplimesh® security window screens are available in fixed, hgined and sliding configurations.

Hinged and sliding window screens give you the benefits of a security screen, with the option to open the screen completely to maximise airflow.

SupaScreen® fixed window screens also function as a fall prevention screen that is tested and complies with the National Construction Code for the Protection of Openable Windows.

FIXED WINDOW SCREENS

HINGED WINDOW SCREENS

SLIDING WINDOW SCREENS

Options

Tailor your security screen door to your lifestyle with our range of accessories. Ask your local Amplimesh® Dealer for more information on accessories and our range of colours.

KWIKFIT SOFT CLOSER
TAKE THE SLAM OUT OF SLIDING DOORS

BUG STRIP

PET DOOR *

SLIDING LOCK

HINGED LOCK

TRIPLE LOCK

* If you select to install a pet door on your security door, it is no longer considered compliant with standard AS5039 due to the pet door, regardless of its size, compromising the security features of the security door or window.

SCREEN CLEANER

HINGED DOOR CLOSER

YALE UNITY SECURITY SCREEN LOCK

The Yale Unity Security Screen Door Lock has been designed specifically for the Australian market, achieving digital deadlocking via the Yale Access app in a slim and contemporary profile.

Meeting Australian lock standards AS4145.2:2008, SL6 and D7, you can be sure that this lock is reliable and secure.

FEATURES

▶ **Grant entry from wherever with the Yale Access App**
When connected to the Yale Connect bridge, you can lock and unlock your door from anywhere. The Yale Access app is available in both the App Store and Google Play.

▶ **Auto-unlock your door as you approach**
Automatically unlock your door as you walk up without the need to take out your phone, using geofencing technology.

▶ **Know the ins and outs of your home**
Keep track of who is coming and going with the 24/7 activity feed. Know when guests have arrived, what time children got home, and if a tradesmen or cleaner was in to get the job done.

▶ **Expecting Guests? Send virtual Access**
Send family and guest virtual access to the lock and home via the Yale Access App.

▶ **Use your voice to control the lock**
The Yale Security Screen Door Lock and Connect Bridge, enables voice assistant and 'Works with' ability, integrating into your Google, Samsung or Alexa smart home devices. Apple Homekit is available on the Security Screen Door Lock alone.

Solutions

Amplimesh® screening products can be used in a wide range of applications to deliver unique performance outcomes for your home or building project.

In some instances, Amplimesh® products may assist you in achieving compliance with relevant local, state or national building requirements. Your local Amplimesh® Dealer can provide expert guidance on selecting Amplimesh® screens for use in the following applications.

BUSHFIRE

When building in a bushfire zone, screening operable glazed windows is mandatory for compliance with the building code.

Depending on the glazed doors used in your home it may also be necessary to screen glazed doors.

Amplimesh® SupaScreen® security screens have been tested and satisfy the requirements for Bushfire Attack Level (BAL) up to and including BAL-FZ.

Both IntrudaGuard® and PrivacyGuard® can be used in areas up to and including BAL-29.

FIRE ATTENUATION

The National Construction Code (NCC) sets guidelines for the protection of buildings from the risk of fire from adjoining properties.

It requires openings in external walls be protected from fire when the walls are in close proximity to adjoining property boundaries.

Amplimesh® SupaScreen® has been tested in accordance with Australian Standards. When subjected to a nominal 40kW/m² radiant heat, it achieved an attenuation rating of 41%. This means radiant heat entering the home was reduced by 59%.

CYCLONE

In cyclonic regions, glazed windows and doors may need to be protected from flying debris.

Amplimesh® StormGuard® Stainless Steel security products have been tested in accordance with relevant Australian Standards to resist a 4kg, 100mm x 50mm timber impacting at 44m/s – equating to 3870 Joules, exceeding the 100-joule security impact by nearly 40 times! The screen is then shot a further five times with 8mm steel ball bearings at the same speed.

Amplimesh® StormGuard® can be used as part of a performance solution for compliance with the National Construction Code on buildings in Cyclone-rated areas.

FALL PREVENTION

To comply with the requirements of the National Construction Code (NCC), windows in elevated applications must be fitted with a restriction device or fall prevention screen to reduce the risk of accidental falls and injury.

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 at a higher level.

Unlike window restriction devices, Amplimesh® fixed window screens allow you to make the most of your windows – opening fully to enjoy natural ventilation and airflow while keeping the kids safe from accidental falls and injury.

HEAT REDUCTION

Amplimesh® SupaScreen® security products have been rated under the Window Energy Rating Scheme (WERS). Used in conjunction with your existing windows or doors, they can help you keep your home cooler in summer and warmer in winter.

SupaScreen® mesh and IntrudaGuard® sheet helps to block radiant heat entering your home and its added protection can act as an extra layer that assists in insulating your home from heat fluctuation.

Used in this way, SupaScreen® and IntrudaGuard® may help you reduce the need for air-conditioning and artificial heating contributing to lower energy costs for your home.
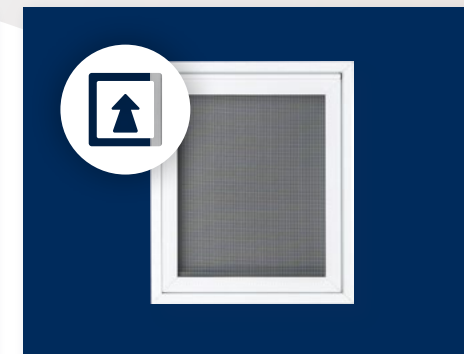
COMMERCIAL

SupaScreen® Detention has been designed to meet the requirement for increased protection on commercial installations, public buildings and government projects. It utilises the proven strength of 316 marine grade stainless steel mesh with a full perimeter fastening system and the additional strength of individual mechanical fixings.

SupaScreen® Detention can withstand 5 times the Australian Standard impact requirements and a singular impact performance testing of up to 3300J.

Providing additional protection against breaking, entering and vandalism, SupaScreen® Detention is the best choice to compliment your commercial building design.

EXIT SCREENS

Security exit screens maintain the same high level of security and appearance of fixed screens but with the added benefit of a simple escape route for you and your family in case of an emergency

Exit screens come fitted with simple to operate and child-friendly push-to-open mechanism.

Warranty & Care Information

16 YEAR WARRANTY · AMPLIMESH · SUPASCREEN

16 YEAR WARRANTY · AMPLIMESH · STORMGUARD

10 YEAR WARRANTY · AMPLIMESH · INTRUDAGUARD

7 YEAR WARRANTY · AMPLIMESH · PRIVACYGUARD

MAINTAINING YOUR AMPLIMESH® SECURITY PRODUCTS

The stainless-steel screen must be regularly cleaned to maintain an unobstructed view and airflow. Anodised or powder-coated aluminium frames should also be regularly cleaned to sustain the original look of the product.

Recommended cleaning intervals are set out below:

ENVIRONMENT	DISTANCE FROM SEA/OCEANFRONT	RECOMMENDED CLEANING INTERVAL
Mild	> 10km	Every 6 months
Moderate	1km to 10km	Every 2 to 3 months
Marine	500m to 1km	Every 2 to 4 weeks
Severe Marine	< 500m	Every 1 to 2 weeks.

To maintain an ultra-clear view through your security screens, we recommend using our Amplimesh® Organic Security Door & Screen Cleaner, available through your local Amplimesh® Dealer.

CLEANING THE FRAME & SCREEN

To keep the security screen finish looking like new:

1. Carefully remove any loose deposits with a wet sponge.

2. To remove dust, salt, dirt, and other deposits, wash down using a soft-bristled brush (non-abrasive) and a mild household detergent solution or Amplimesh® screen cleaner (see product instructions before use). Anodised finishes with greasy deposits or hard-to-remove grime should be cleaned with a soft cloth dipped in white spirit, and then wiped with a dry rag.

3. Rinse off with lots of warm soapy water. Only mains water is to be used as recycled, bore or tank water is unacceptable and may lead to detrimental corrosion effects.

4. A quick wipe-over with an absorbent cloth chamois will prevent water marks from forming.

SUPASCREEN®

STORMGUARD®

INTRUDAGUARD®

PRIVACYGUARD®

AMPLIMESH

Trusted Product

QUALITY · SERVICE · VALUE

AMPLIMESH®

FOR MORE INFORMATION, VISIT
amplimesh.com.au
or call 1800 267 546