



# ALU-GRILLE

7MM DIAMOND GRILLE

**GREATER STRENGTH FOR  
INCREASED PEACE OF MIND.**

1300 ALSPEC (257732)  
alspec.com.au

**alspec**  
ALUMINIUM SYSTEMS  
SPECIALISTS

# Alspec's Alu-Grille®

Alspec offer a wide range of window and door grille options that will improve the security of your home. Alu-Grille® is perfectly suited to a wide range of window applications as well as both hinged and sliding doors.

## Alu-Grille® Design

Alu-Grille® has a 7mm strand thickness and has been tested to Australian Security Standard AS5041 and meets the requirements of AS5039. To obtain maximum benefit from Alu-Grille®, all doors made incorporating these grilles should also be installed to comply with AS5040.

Alu-Grille doors are available with the option of restricted vision mesh, ideal if added privacy is required. Restricted vision mesh allows you to see out through your door at the same time as reducing the visibility into your house from the outside.



A117 Small Diamond



Standard 7mm Diamond



A227 Decorative Diamond

## The Complete Range

Alspec now offers the complete range of screening systems from our top of the range Invisi-Gard® 316 Stainless Steel Security Screens, through to Alu-Gard®, Federation® Cast Panels, Alu-Grille® Diamond Grilles, Vision-Gard™ one way vision security screen, fibreglass and aluminium insect screen and all the associated accessories. For a history of great service and quality built products when considering an aluminium screen door system, there's only one place that has all the solutions - Alspec.

## Wide Product Range

Alu-Grille® Security Screens are primarily designed for front door security. However they are suitable for a wide range of residential applications including the following:

- Hinged Doors
- Sliding Doors
- Security Window Screens



## Choice of Stylish Colours

With Alu-Grille® products, matching the colour to existing door and window frames is not a problem. All of our frames are available from your Alu-Grille® fabricator in a full range of powder coated colours along with anodised finishes or decorative imaging.



## Custom Built

All Alu-Grille® products are custom built by your local fabricator, made to measure to suit your exact requirements.

## Key Features

- Made from special tempered aluminium for greater strength and increased peace of mind.
- Alu-Grille® for custom-made sliding doors provides optimum protection and smooth operation. Adjustment screws for rollers face inside the door out of an intruders reach.
- Half door panels add to protection from the weather, pets and intruders. Available in a range of pre-finished colours.
- Security doors made from quality Alu-Grille® can be fitted with the extra feature of a 3 Point Safety Lock. Three interlocking security hinges deter even the most persistent intruder.

## Tested Performance

### Security

Australian Standard AS5041 – 2003 Methods of Test – Security Screen Doors and Window Grilles

	Shear Test	✓
	Dynamic Impact Test	✓
	Jemmy Test	✓

### Child Fall Prevention

Australian Standard AS5203 – 2016 Protection of Openable Windows/Fall Prevention – Test Sequence & Compliance Method

	Resist 250N Outward Force	✓
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## Technical Specifications

Material Grade	Tempered Aluminium
Thickness	8mm
Strand Width	7mm
Paint	Dulux Black Matt

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# ALU-GARD

ALUMINIUM SECURITY SCREENS

STRENGTH, SECURITY AND DURABILITY  
WITH EXCELLENT DIRECT CLARITY OF VISION.



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SPECIALISTS

## Alspec's Alu-Gard®

The All-Aluminium security screening solution for Australian conditions. Alu-Gard is a perforated aluminium sheet retained in an extruded aluminium frame.

Alu-Gard not only provides security, clarity of vision and strength, it is also corrosion resistant and looks great.

### Key Features

- Tested and passed Australian Standards.
- Choice of retention systems.
- Manufactured in Australia.
- Part of a wide range of security and screening solutions.

### Alu-Gard Design

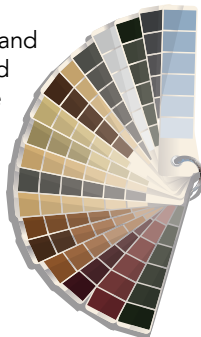
Alu-Gard utilises a strong (1.6mm thick) aluminium sheet that is perforated and powder coated in Australia to standards. The sheet is retained in a frame with riveted aluminium infill retention system. The resulting screen is strong, extremely resistant to corrosion and provides excellent direct clarity of vision.

### The Complete Range

Alspec now offers the complete range of screening systems from our top of the range Invisi-Gard® 316 Stainless Steel Security Screens, through to Alu-Gard®, Federation® Cast Panels, Alu-Grille® Diamond Grilles, Vision-Gard™ one way vision security screen, fibreglass and aluminium insect screen and all the associated accessories. For a history of great service and quality built products when considering an aluminium screen door system, there's only one place that has all the solutions - Alspec.

### Choice of Stylish Colours

With Alu-Gard products, matching the colour to existing door and window frames is not a problem. A full range of powder coated colours along with anodised finishes or decorative imaging are readily available from your Alu-Gard dealer.



### Custom Built

All Alu-Gard products are custom built, made to measure to suit your exact requirements.




Alu-Gard Security Screens are suitable for a wide range of residential and commercial applications including the following:

- Hinged Doors
- Sliding Doors
- Security Window Screens
- Balustrade
- Fencing

## Tested Performance


### Security

Australian Standard AS5041 – 2003 Methods of Test – Security Screen Doors and Window Grilles

	Dynamic Impact Test	✓
	Jemmy Test	✓
	Knife Shear Test	✓

### Child Fall Prevention

Australian Standard AS5203 – 2016 Protection of Openable Windows/Fall Prevention – Test Sequence & Compliance Method

	Resist 250N Outward Force	✓
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### Bushfire

2mm hole diameter meets bushfire requirements up to BAL-29

	BAL-29 Compliant	✓
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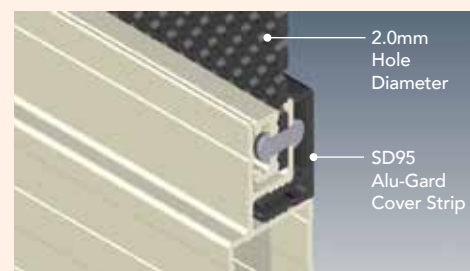
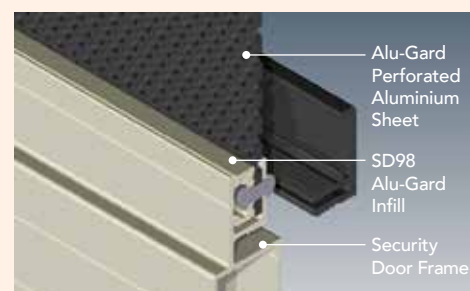
### Fire Attenuation

Australian Standard AS1530.4-2014 Appendix B7

	Achieves a fire attenuation rating of up to 56% at 40kW/m <sup>2</sup> incident energy	✓
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## Technical Specifications

Material Grade	5005 H34
Thickness	1.6mm
Hole Diameter	2.0mm
Paint	Dulux Black Matt
% Open Area	40%





# FEDERATION

ALUMINIUM CAST PANELS

**DURABLE, STURDY AND NON-RUSTING  
WITH CHOICE OF STYLES AND COLOURS**

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SPECIALISTS

## Alspec's Federation Cast Panels

Designed to suit all of Alspec's door and window screen frames, the Federation® Aluminium Cast Panels offer a wide range of styles, patterns and colours.

### Federation Design

Federation® Cast Panels feature unique designs with Australian Design Registrations. The Federation® Cast Panel range offers a selection of traditional and contemporary designs in an extensive range of colour finishes. Manufactured from the highest quality of recyclable aluminium, Federation® Cast Panels are a stylish and durable means to finish off your window and door screen.

### The Complete Range

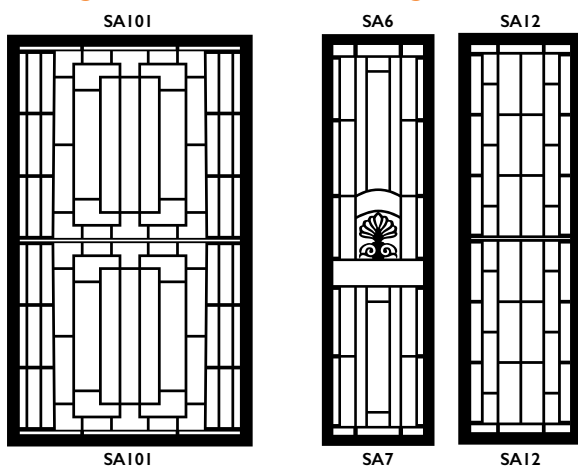
Alspec now offers the complete range of screening systems from our top of the range Invisi-Gard® 316 Stainless Steel Security Screens, through to Alu-Gard®, Federation® Cast Panels, Alu-Grille® Diamond Grilles, Vision-Gard™ one way vision security screen, fibreglass and aluminium insect screen and all the associated accessories. For a history of great service and quality built products when considering an aluminium screen door system, there's only one place that has all the solutions - Alspec.

### Custom Built

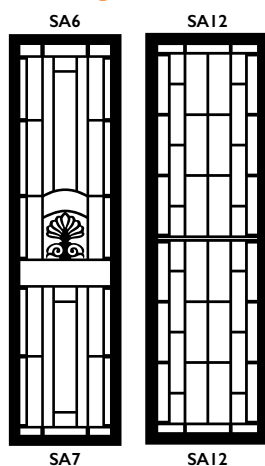
All screen doors using Federation Cast Panels are custom built, made to measure to suit your exact requirements. Federation Cast Panels are suitable for a wide range of residential door and window applications including: Hinged Doors, Sliding Doors and Window Screens.

### Cast Panel Combination Options

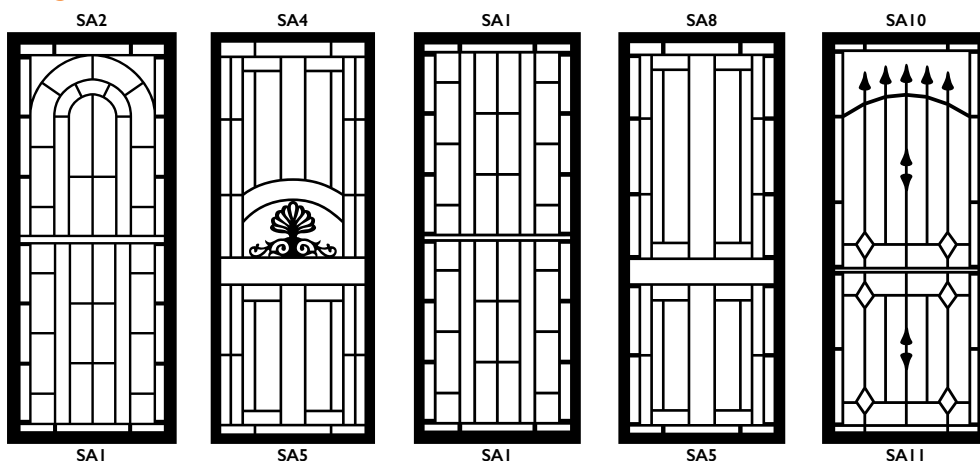
#### Sliding Doors



#### Side Light



#### Hinged Doors



## Choice of Stylish Colours

With Federation® Cast Panels, matching the colour to your existing door and window frame is not a problem. A full range of powder coated colours are readily available from your Federation® Dealer.

- All Federation® Cast Panels are pre-finished and come with a 2 year powder coat warranty.
- A full range of powder coated custom colours can be ordered as requested.
- Please note that stocked colour ranges vary between branches.

#### Alspec Colour Disclaimer

Colour representations in this brochure are for illustrative purposes only. You should request actual samples before placing your order.

PEARL WHITE	POTTERY
WHITE BIRCH	JASPER
MAGNOLIA	NOTREDAME
DUNE SATIN	WOODLAND GREY
PRIMROSE	MONUMENT
PAPERBARK	DEEP OCEAN
STONE BEIGE	SATIN BLACK

Item Name	Size Exc. Lugs (HxW)	Size Inc. Lugs (HxW)	Vertical Lugs (H)	Horizontal Lugs (W)
SA1	900 x 615	970 x 795	70	90
SA2	900 x 615	970 x 795	70	90
SA4	1000 x 615	1070 x 795	70	90
SA5	695 x 615	765 x 795	70	90
SA6	1000 x 390	1070 x 500	70	55
SA7	700 x 390	770 x 500	70	55
SA8	1000 x 620	1070 x 800	70	90
SA10	1055 x 620	1125 x 800	70	90
SA11	745 x 615	815 x 795	70	90
SA12	900 x 385	970 x 505	70	60
SA101	900 x 995	1000 x 1095	50	50

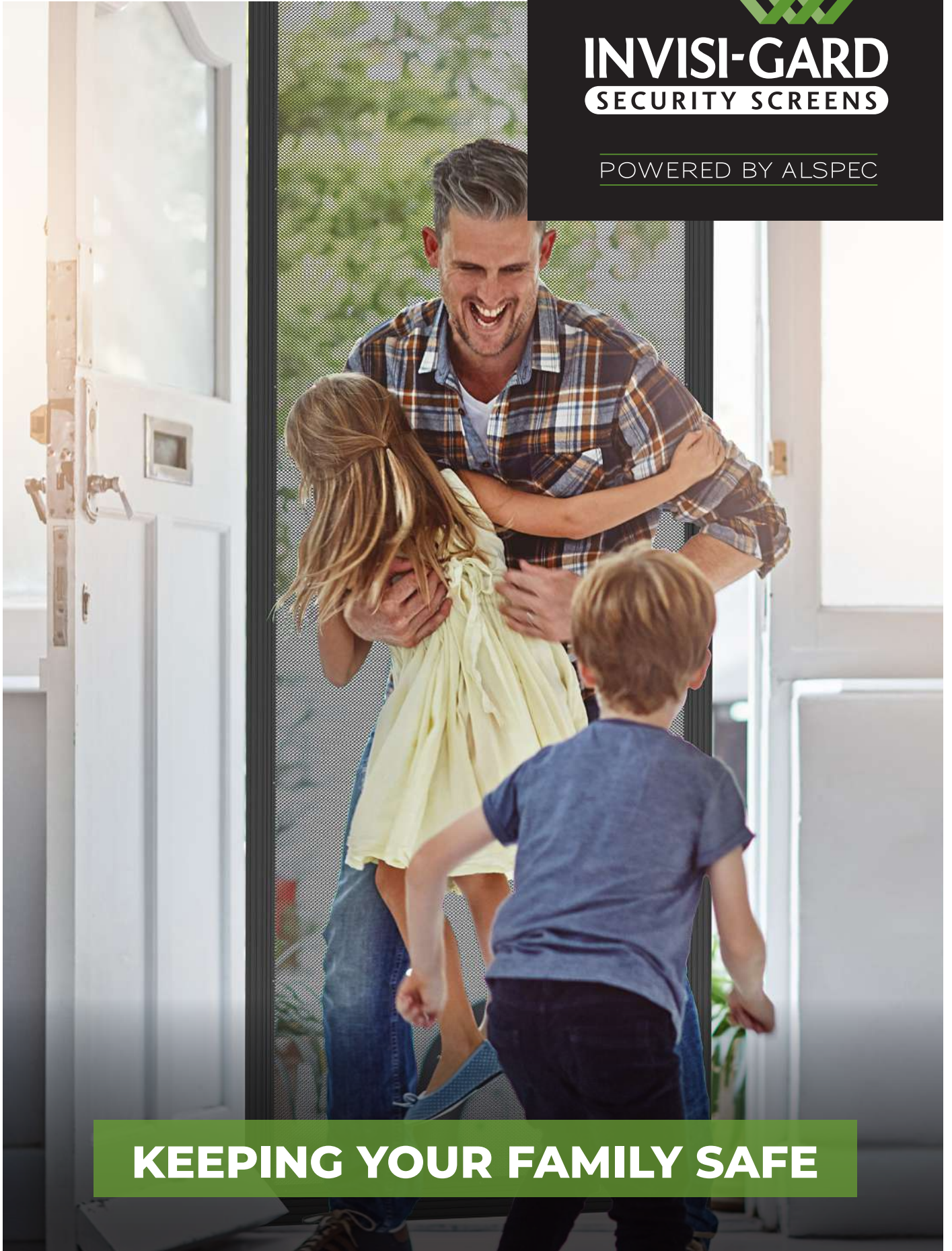
\* Panel sizes are to be used as a guide only. All sizes are in millimetres and include a tolerance of 5mm.



# INVISI-GARD

SECURITY SCREENS

POWERED BY ALSPEC



**KEEPING YOUR FAMILY SAFE**







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**alspec**<sup>®</sup>  
EVERYTHING ALUMINIUM  
& HARDWARE



# WHY CHOOSE INVISI-GARD?

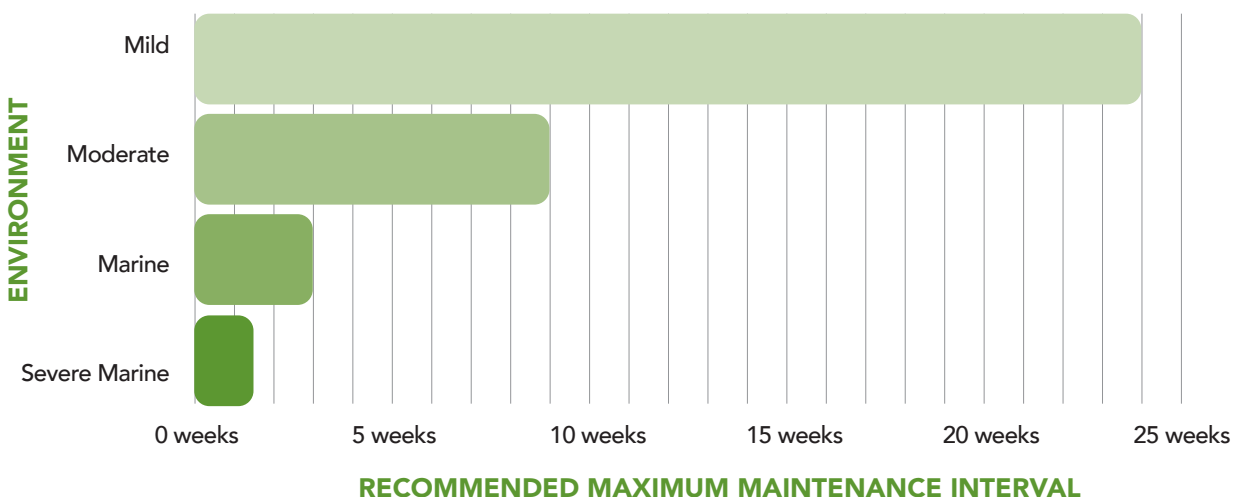
Invisi-Gard is the premium security screen solution by Alspec — an Australian owned, market leader for over 45 years in the design of innovative aluminium systems to architectural, residential, industrial and home improvement markets.

 <p><b>10x</b> Australian Standard</p>	 <p>Manufactured in Australia</p>	 <p><b>316</b> Marine Grade Stainless Steel Mesh</p>	 <p>Largest National Dealer Network</p>	 <p><b>LIFETIME</b> Warranty</p>	 <p>BAL-40 TESTED &amp; COMPLIANT</p>
<p>Heavy duty extruded aluminium perimeter frame for extra strength. 10x the strength of the Australian Standard in terms of absorbed energy.</p>	<p>Invisi-Gard has been designed by Alspec's in-house R&amp;D Team and manufactured in Australia by our Licensed Dealer Network.</p>	<p>Invisi-Gard's 316 Marine Grade Stainless Steel Mesh is a high tensile woven mesh resulting in an exceptionally strong, corrosion resistant product.</p>	<p>With over 400 dealers nationwide, Invisi-Gard is Australia's largest network of licensed fabricators.</p>	<p>Invisi-Gard is supported by lifetime warranty from Alspec, a wholly Australian owned company that has been in business for more than 45 years.</p>	<p>Invisi-Gard is BAL rated to protect your home against bushfires in areas from BAL-LOW up to and including BAL-40.</p>

# CARE AND MAINTENANCE

Your Invisi-Gard® Stainless Steel Security Screen should only ever need to be washed down with a soft brush using warm water and a mild detergent. Rinse well with fresh water to remove any detergent residue. Do not use strong detergents or abrasive cleaners as they may scratch or damage the surface finish.

The frequency of this maintenance is determined by the location of the product. Refer to the suggested maintenance table.







ALL DOORS  
HAVE THREE  
POINT LOCKING

ALL HINGED  
DOORS ARE  
INSTALLED WITH  
THREE HINGES

Clean finish  
with no visible fixing

Patented **INVISI-GARD**  
pressure retention system  
for maximum security

## STAINLESS STEEL SECURITY

Combining the strength of Marine Grade 316 Stainless Steel with the beauty, strength and "flexibility of aluminium, INVISI-GARD® Security Screens offer unparalleled clarity of vision with enhanced security.

### Stainless Steel Mesh - The Facts

When buying a stainless mesh product, ensure that you are purchasing only the highest quality. INVISI-GARD® screens offer you that quality with a woven wire product that is manufactured using a marine grade 316 High Tensile (900MPa) Stainless Steel Wire. This is then pre-treated and powder coated, with the highest quality powder coating available.

### Confidence in Security

Using the unique, patented INVISI-GARD® Pressure Retention and Isolation Method, you can be assured that the Stainless Steel Mesh will defy the most determined attack from both intruders and corrosion.

INVISI-GARD® Stainless Steel Security products do not require screws to secure the mesh into the perimeter frame. As a result, the potential for corrosion through dissimilar metal contact is avoided.

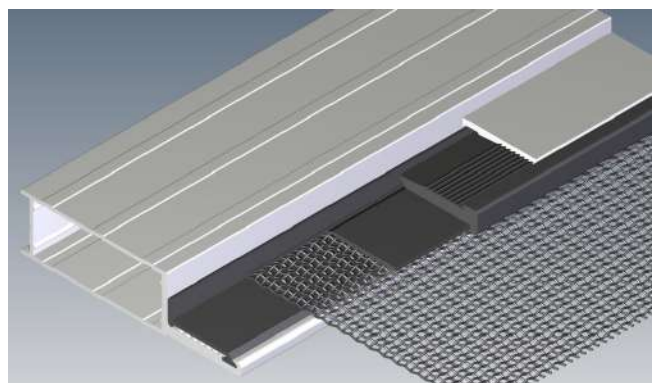
Tested and approved in accordance with Australian Standards, INVISI-GARD® delivers confidence in security.

### What does it mean for me?

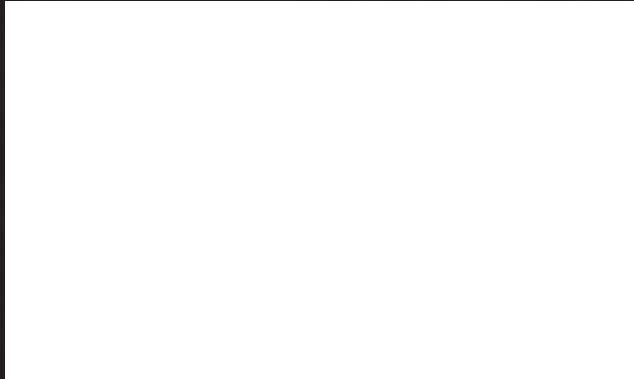
There are many stainless steel mesh products on the market that do not meet the requirements of Australian Standards. Typically these products:

- Are not using high tensile stainless steel wire (900MPa)
- Do not track the composition of the wire through Chemical Certifications
- Are lacking in pre-treatment for corrosion prior to powder coating
- Do not use the highest quality outdoor UV resistant powder coat

INVISI-GARD® uses only the highest quality of mesh available to the market and supports this with a lifetime warranty allowing you peace of mind for many years to come.



YOUR LICENSED INVISI-GARD® DEALER:



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**INVISI-GARD**  
SECURITY SCREENS

POWERED BY ALSPEC

**KEEPING YOUR  
FAMILY SAFE**

**alspec**<sup>®</sup>  
EVERYTHING ALUMINIUM  
& HARDWARE

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ACCREDITED MEMBER:



**SECURITY  
SCREEN**  
ASSOCIATION

[ssa.org.au](https://www.ssa.org.au)

# VISION-GARD

ALUMINIUM SECURITY SCREENS

STRENGTH, SECURITY,  
PRIVACY AND DURABILITY.



view from the inside

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## Alspec's Vision-Gard™

Vision-Gard™ Screens are a new addition to the Alspec range of screening options. Vision-Gard™ screens not only secure your home but also provide a degree of privacy from people outside your home looking in. Vision-Gard™ screens provide security, privacy and strength, as well as being corrosion resistant and looking great.

### Vision-Gard™ Design

Vision-Gard™ Screens utilise a strong (1.6mm thick) aluminium sheet that is perforated and powder coated in Australia to exacting standards. This mesh works by limiting the field of vision for people on the outside looking in. Vision-Gard™ works if there is correct lighting allowing a person on the inside to see outside and not be seen from the visitor's side.

The mesh has two options for retaining in the frame:

1. Retention with our bespoke Wedge PVC pressure retention system.
2. Retention using rivets into a frame with a covering strip to conceal the rivets.

The resulting screen is strong, extremely resistant to corrosion and provides excellent clarity of vision from the inside looking out.

### The Complete Range

Alspec now offers the complete range of screening systems from our top of the range Invisi-Gard® 316 Stainless Steel Security Screens, through to Alu-Gard®, Federation® Cast Panels, Alu-Grille® Diamond Grilles, Vision-Gard™ one way vision security screen, fibreglass and aluminium insect screen and all the associated accessories. For a history of great service and quality built products when considering an aluminium screen door system, there's only one place that has all the solutions - Alspec.

### Bushfire Prone Areas

Vision-Gard™ complies with the mesh aperture for screening of openable parts to doors and windows up to BAL-29 conditions.

### Wide Product Range

Vision-Gard™ Security Screens are primarily designed for front door security and privacy. However they are suitable for a wide range of residential applications including the following:

- Hinged Doors
- Sliding Doors
- Security Window Screens

### Choice of Stylish Colours

With Vision-Gard™ products, matching the colour to existing door and window frames is not a problem. All of our frames are available from your Vision-Gard™ fabricator in a full range of powder coated colours along with anodised finishes.



### Custom Built

All Vision-Gard™ products are custom built by your local fabricator, made to measure to suit your exact requirements.




## Key Features

- Reduces the vision into the home.
- Clarity of vision from the inside.
- High corrosion resistance.
- Aperture of less than 2mm meets bushfire requirements up to BAL-29.
- Tested and passed Australian Standards.
- Choice of retention systems.
- Manufactured in Australia.
- Part of a wide range of security and screening solutions.

## Tested Performance

### Security

Australian Standard AS5041 – 2003 Methods of Test – Security Screen Doors and Window Grilles

	<b>Knife Shear Test</b>	✓
	<b>Dynamic Impact Test</b>	✓
	<b>Lock and Lever Hinge Test</b>	✓


### Child Fall Prevention

Australian Standard AS5203 – 2016 Protection of Openable Windows/Fall Prevention – Test Sequence & Compliance Method

	<b>Resist 250N Outward Force</b>	✓
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### Fire Attenuation

Australian Standard AS1530.4-2014 Appendix B7

	<b>Achieves a fire attenuation rating of up to 75% at 40kW/m<sup>2</sup> incident energy</b>	✓
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## Technical Specifications

Material Grade	5005 H34
Thickness	3mm
Paint	Dulux Black Matt
% Open Area	17%
Aperture	1mm x 4mm

