




# FALL PREVENTION WINDOW SCREENS



KidScreen is a  
National Supporter  
of Kidsafe Australia





*"One danger many do not recognise is that posed by the very design of the homes and buildings in which they live."*

## Window Falls by Children

Those responsible for the care for young children know about obvious safety issues such as the use of child restraints in cars, crossing roads carefully, or ensuring chemicals and medicines are stored out of reach.

One danger many do not recognise is that posed by the very design of the homes and buildings in which they live. Windows and balconies may provide light and desirable living spaces but they can also pose a serious threat to the safety of young children.

Despite education campaigns such as NSW Health's Kids Don't Fly initiative, each year the media continues to report on a number of serious and sometimes fatal accidents involving falls from windows and balconies. According to NSW Health more than 8,000 children each year are admitted to hospital as the result of a fall. Of these, about 50 children suffer a serious injury resulting from a fall from a balcony or window, with some sadly being fatal.

The responsibility for the safety of children lies not only with parents, but with all sections of our community.

Thankfully, preventing falls from windows and balconies is one area where all community stakeholders have been working together to reduce the number of accidents through a number of important initiatives combining education with regulation and innovative product design.

Alspec's child safety window screens offer families the following benefits:

- Prevents accidental falls from windows.
- Allows full ventilation of the window.
- Easy egress by an adult in an emergency.
- Perfect for coastal or salt corrosion areas.
- Built-in UV inhibitor to withstand extreme temperature variations.
- Ideal for bush fire prone regions.
- Stylish and modern with lots of colours.
- Can be mounted to timber or aluminium frames.
- Custom made to your exact specifications.
- Fully compliant with AS5203-2016.
- Meet & exceeds the National Construction Codes.

The big advantage of our fall prevention screens is that they comply with the National Construction Code for the Protection of Openable Windows. This means that rather than having your windows open just 12cm to allow in a small amount of fresh air, while still keeping your children safe at home, you can use our stylish fall protection screens and open your windows fully.

# Window Fall Prevention Screens from Alspec

With these considerations in mind, Alspec specifically developed the KidScreen Window Fall Prevention System. KidScreen addresses one of the key concerns researchers had about regular fly screens providing a false sense of security. While a KidScreen may look similar to a fly screen, it has been designed, built and proven to provide children with prevention from falls.

While KidScreen specifically responds to the need for fall prevention, Alspec has two other products which also protect openable windows, with a range of features to suit customer needs in different circumstances. KidScreen, Alu-Gard and Invisi-Gard all satisfy the Protection of Openable Windows standard. All three products exceed the 250N force requirement to provide fall prevention and are all NATA tested and certified. However, they differ in aspects of design which impact on elements such as ventilation, visibility and security.

## KidScreen™

KidScreen is made from heavily reinforced polyester or stainless steel 316 grade mesh, and has been tested and certified to exceed the 250N force standards and satisfy the Australian Standard for Protection of Openable Windows (AS5203). The ability of KidScreen to be fitted to any existing window makes it a cost effective and practical solution for both new build and retrofit situations.

When installed by a certified licensed installer, the KidScreen system meets the National Construction Code and comes with a 7 year warranty.



## Alu-Gard™ Edge

Alu-Gard Edge is a security product that is made from 1.6mm thick aluminium which has been perforated with 2.4mm holes to form a mesh. This is retained in a frame with our bespoke PVC pressure retention system and also comes with a 7 year warranty.

This provides a different look, while still maintaining the fall prevention and security standards of its counterparts. In addition to being used as a window fall prevention screen, it is the ideal product for adding a child fall prevention measure to balustrades and fences.



## Invisi-Gard®

Invisi-Gard is the premium product in Alspec's range. It has the fall protection and security credentials of the other products, plus additional features such as maximum visibility, fire attenuation properties, resistance to corrosion and is energy rated under the Windows Energy Rating Scheme. Made from high grade 316 Stainless Steel mesh, Invisi-Gard comes with a 15 year warranty confirming Alspec's confidence in the product to provide long-lasting, all-round home safety, protection and amenity.



By utilising any one of Alspec's three window fall prevention screening options, a home can look good while providing a safe environment for residents and visitors. An Alspec screen will prevent falls without the need to restrict the size of window openings, meaning windows can continue to fulfil their primary functions of providing light, views and airflow.

# Alspec Product Comparison Chart

Whether being fitted to an existing home, apartment or factored into a new build, Alspec's range of child fall prevention screens are not only a safe but attractive addition. The surrounding frames are constructed from Alspec's high grade aluminium, which has the advantage of being able to be colour powder-coated to blend in with your home's existing scheme, or even finished in a timber-look design.

| ALSPEC CHILD FALL PREVENTION SCREENS                    |                    |                           |                                |                           |                                |
|---|--------------------|---------------------------|--------------------------------|---------------------------|--------------------------------|
|   | Standard Flyscreen | KidScreen®                |                                | Alu-Gard® Edge            | Invisi-Gard®                   |
|   |                    | Standard                  | Option                         |                           |                                |
| <b>Child Fall Prevention Screen</b>                     | ✗                  | ✓                         |                                | ✓                         | ✓                              |
| <b>Material</b>   | Fibreglass         | Reinforced Polyester Mesh | 316 Stainless Steel Grade Mesh | Perforated Aluminium Mesh | 316 Stainless Steel Grade Mesh |
| <b>Infill / Mesh Thickness (mm)</b>                     | 0.3                | 0.6                       | 0.2                            | 1.6                       | 0.8                            |
| <b>Aperture Size (mm)</b>                               | 1.2 x 1.2          | 0.9 x 2                   | 1.6 x 1.4                      | 2.4mm diameter            | 1.6 x 1.6                      |
| <b>Ventilation / Open Area</b>                          | 63%                | 37%                       | 79%                            | 40%                       | 44%                            |
| <b>Warranty</b>   | 2 years            | 7 years                   |                                | 7 years                   | 15 years                       |
| <b>Exceeds 250N / 25kgs Force</b>                       | ✗                  | ✓                         |                                | ✓                         | ✓                              |
| <b>Angle of View</b>                                    | 160°               | 90°                       | 160°                           | 125°                      | 160°                           |
| <b>Insect Protection</b>                                | ✓                  | ✓                         |                                | ✓                         | ✓                              |
| <b>NATA Tested &amp; Certified</b>                      | ✗                  | ✓                         |                                | ✓                         | ✓                              |
| <b>Protection of Openable Window (AS5203)</b>           | ✗                  | ✓                         |                                | ✓                         | ✓                              |
| <b>Knife Shear Test (AS5041 &amp; AS5039)</b>           | ✗                  | ✗                         |                                | ✓                         | ✓                              |
| <b>Dynamic Impact Test (AS5041 &amp; AS5039)</b>        | ✗                  | ✗                         |                                | ✓                         | ✓                              |
| <b>Fire Attenuation (AS1530.4)</b>                      | ✗                  | ✗                         |                                | ✗                         | ✓                              |
| <b>(Corrosion) Neutral Salt Spray Test (AS2331.3.1)</b> | ✗                  | ✗                         |                                | ✓                         | ✓                              |
| <b>Bushfire Rated (AS3959)</b>                          | ✗                  | ✗                         | ✓                              | ✗                         | ✓                              |
| <b>Energy rated (WERS)</b>                              | ✗                  | ✗                         |                                | ✗                         | ✓                              |



**KidScreen**<sup>TM</sup>  
WINDOW FALL PREVENTION

Find your Licensed KidScreen Dealer at:  
[kidscreen.com.au](http://kidscreen.com.au)

Proud supporters of Kidsafe Australia, Kids Don't Fly and Australia Window Association Safety Initiative.



**Aluminium Specialties Group Pty Ltd**  
3 Alspec Place, Eastern Creek NSW 2766  
Phone: 1300 ALSPEC  
[alspec.com.au](http://alspec.com.au)