



AGED CARE SECTOR

alspec[®]
EVERYTHING ALUMINIUM
& HARDWARE

Aluminium Windows and Doors for Aged Care Environments

Creating safe, comfortable, and welcoming living spaces in aged care facilities requires careful consideration of design and materials. Alspec's aluminium windows and doors perfectly suit these settings, offering a blend of durability, aesthetic appeal, energy efficiency, and functional benefits.

Our products are designed to meet the aged care sector's specific needs and help boost resident wellbeing and comfort. Here's why choosing Alspec for your next aged care project can enhance the quality of life for residents and your facility's overall performance.



Front cover image:

PAVILION NORTH KIRRA RETIREMENT COMMUNITY
COOLANGATTA, QUEENSLAND

Builder Woollam Constructions

Architect O'Neill Architecture

Fabricator Tweed Coast Glass

TRICARE ASHGROVE AGED CARE RESIDENCE
ASHGROVE, QUEENSLAND

Builder Woollam Constructions

Architect Thomson Adsett

Fabricator Tweed Coast Glass

Important Considerations



Acoustics

Ensuring a quiet, restful environment is crucial. Alspec's acoustic-rated windows and doors minimise external noise from traffic and internal noise between rooms, providing residents with a serene and private atmosphere.



Accessibility

Accessibility is essential for inclusivity in aged care. Alspec's products meet accessibility standards like AS1428.1, featuring smooth, level thresholds and wheelchair-friendly sills, ensuring all residents can navigate spaces comfortably.



Ventilation

Proper ventilation helps maintain good indoor air quality. Our windows are easily operable, allowing for natural ventilation and improved air circulation, essential for resident health and wellbeing.



Natural light

Natural light enhances the living experience by improving mood and overall wellbeing. Alspec's large, well-designed windows maximise daylight while minimising glare, creating bright and inviting spaces that seamlessly connect residents with the outdoors.



Sustainability

With low-carbon aluminium and energy-efficient technologies, Alspec products contribute to sustainable building practices, reducing the environmental impact of construction and promoting a greener future.



Thermal comfort and insulation

Maintaining a stable indoor temperature is essential to ensure comfort, enhance energy efficiency, and contribute to sustainability. Our advanced framing systems provide excellent thermal insulation, reducing energy consumption and creating a more comfortable living environment throughout the year.



Safety and compliance

Alspec's Altitude UltraFlat and ProGlide UltraFlat sliding doors provide smooth, level thresholds for ease of access and meet strict Australian safety standards. These products are robust and secure, ensuring the safety of residents while complying with accessibility standards.



Alspec security solutions

With safety as a top priority, all Alspec systems are designed with robust locking mechanisms and durable materials to enhance security and offer peace of mind. Alspec Security Solutions showcases Invisi-Gard, their premium security screen made with 316 marine-grade stainless steel mesh, renowned for its strength and durability. It leads a range of solutions that provide both privacy and affordable protection.



Easy to maintain

Alspec's aluminium products are low-maintenance and long-lasting. Their corrosion-resistant properties mean that windows and doors require minimal upkeep, reducing the long-term maintenance burden on facility managers.

Thermally Broken

THERMA **FRAME**

THERMALLY BROKEN WINDOW AND DOOR SYSTEMS

Thermally Broken Range of Options

As we look to reduce the environmental impact of our aged care buildings, considering the thermal performance of the facade should be a major consideration.

Thermally broken windows and doors not only offer reduced building energy consumption, they can also provide a more comfortable and healthy indoor environment.

Product Range:

- Thermally Broken Awning & Casement Window
- 101.6mm Flush Glazed Thermally Broken Framing
- 150mm Flush Glazed Thermally Broken Framing
- 101.6mm Centre Glazed Thermally Broken Framing
- 150mm Centre Pocket Thermally Broken Framing
- Thermally Broken 50mm Commercial Door
- Thermally Broken Sliding Door



ProGlide UltraFlat

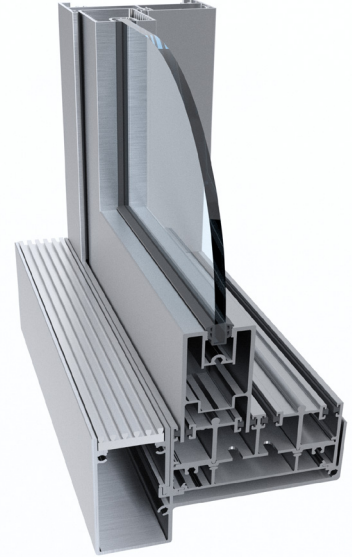


High Performance Wheelchair Accessible Sliding Door

The ProGlide UltraFlat Sliding Door from Alspec allows architects and designers the freedom to achieve expansive openings whilst also offering a weather-resistant wheelchair-compliant sill to AS1428.1 without the need to compromise on performance or aesthetics.

Specifying Alspec's ProGlide UltraFlat Sliding Door ensures your client receives a solid, durable, high performance product offering a continuous accessible path of seamless transition between internal and external floor finishes.

Designed and manufactured in Australia to meet the extremes of the Australian environment, the Alspec ProGlide UltraFlat Sliding Door is the first choice amongst architects, builders, homeowners and fabricators when performance and quality matter.



Maximum Recommended Sizes

Height	3150mm
Sash Width	1800mm
Weight	200kg per panel

Key Features

- AS1428.1 wheelchair compliant sill ideal for accessible spaces
- 630Pa water resistant sill
- Large sliding panels for internal use, as room dividers, creating flexible spaces
- Inside or outside sliding panels, allowing multiple panel designs
- Allows up to four panels stacking in each direction
- Heavy duty aluminium profiles
- Accepts up to 13.52mm single glazed and up to 28mm double glazed units, allowing the designer to achieve the most demanding thermal and acoustic specifications
- 90-degree, post-free corner option
- Heavy duty rollers up to 200kg per panel
- Integrated flush grate sub sill, for a clean level-access solution

Solaire™

For Solar Control

The Solaire™ range of self-mating louvre fins has been developed to provide both architects and fabricators with a flexible yet simple solution to external solar control requirements that seamlessly integrates with Australia's unique architectural landscape. By utilising a range of self-mating, clip-together blades and accessories, the Solaire™ product can be used as:

- Horizontal fins
- Vertical blades
- Window hoods

The Solaire™ range has been built on the back of Alspec's architectural systems knowledge, which balances the needs of both form and function. Alspec's design is a robust solution that offers our customers an economical and flexible fabrication option. With countless configurable sizes and aesthetic possibilities, the Solaire™ range is the perfect solution for your next residential or commercial project.



Key Features

Environmentally Friendly

- Solaire™ Blades reduce direct sunlight and solar gain

Elegant Smart Design

- Flexible fitting options to exceed market requirements
- Available in a wide range of powder-coated or anodised finishes
- Innovative locking bar improves rigidity and "clip" strength

Built to Last

Aluminium will not rust, rot, crack, or perish under Australia's harsh conditions

Altitude UltraFlat

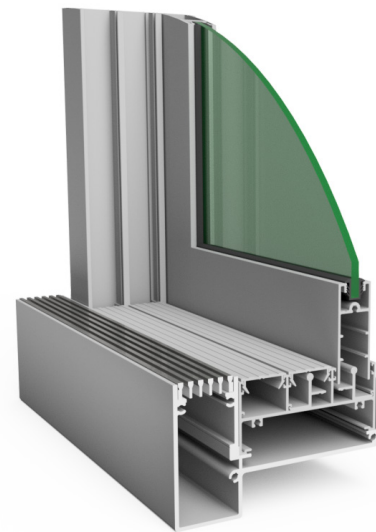


Wheelchair Accessible Sliding Door

The Altitude UltraFlat Sliding Door has been specifically designed for projects where an AS1428.1 compliant flush sill is required. This UltraFlat sill option is perfect for aged care facilities, hospitals, learning environments and residential projects.

The door allows architects and designers to achieve expansive openings without the need to compromise on performance or aesthetics.

Designed by Alspec® to meet the extremes of the Australian environment, the Altitude UltraFlat Sliding Door is the premier choice for architects, specifiers, builders, homeowners and fabricators when looking for a sliding door with a flush sill.



Maximum Recommended Sizes

Height	2700mm
Width	1500mm
Weight	160kg

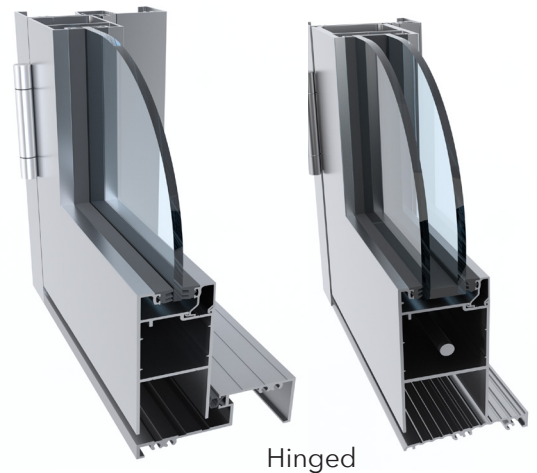
*Varies depending on the hinged, pivot or sliding door used. Check Technical Manual for further details.

Key Features

- Expansive sliding doors, suitable for mid-size, moderate performance doors
- Concealed drainage slots, high weather performance
- Internal sliding panel configurations
- Proprietary hardware, specially designed to accompany this product
- Fully interfaces with 76mm, 101.6mm and 150mm systems, allows for total design flexibility
- Accepts from 4mm to 12.4mm single glazed and up to 18mm double glazing units, allowing the designer to achieve the most demanding thermal and acoustic specifications
- AS1428.1 wheelchair-compliant sill ideal for aged care living applications

Swan Evo

45mm and 70mm Shopfront Door



The Alspec® Swan Evo™ 45mm Hinged Door is a versatile door that is easy to fabricate and install. Suitable for a wide range of applications, it can be used in hinged, pivoted or sliding configurations. The Swan Evo™ integrates seamlessly with the Alspec® commercial framing systems.

Featuring a new and improved clamping spigot set for superior performance and easy fitment, integrated heal and toe block and captive glazing option, the Swan Evo™ provides the ideal solution where superior operation and performance are required.

Maximum Recommended Sizes

Height	3050mm
Width	2400mm
Weight	225kg

*Varies depending on hinged, pivot or sliding door used. Check Technical Manual for further details.

Key Features

- Stronger sash through the use of custom designed clamping spigot set
- 19mm glazing pocket accepts up to 13.5mm single glazed
- Double glazing option accepts up to a 38mm IGU
- Easily adapts to Alspec's McArthur Evo and Hunter Evo framing systems
- Range of thresholds such as wheelchair ramp
- 45mm available in hinged, pivoted or sliding options, 70mm available in hinged option
- Panel heights up to 3050mm subject to project requirements and site conditions

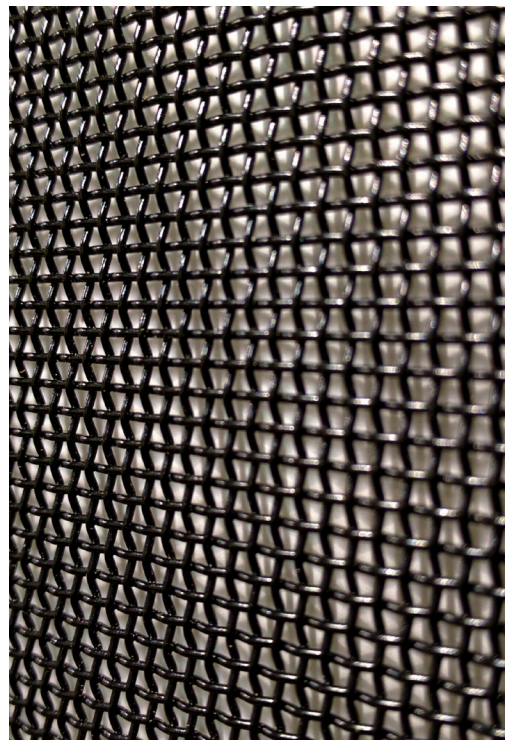
Security Screens



At the heart of every Invisi-Gard security screen and security door is our high tensile 316 marine grade stainless steel mesh. This mesh sets the world standard in terms of quality, precision and longevity.

Invisi-Gard security doors and screens are, without question, the best investment for your family's safety. They are also the best investment for the look and value of your home.

With a range of products for varying applications and environments, Invisi-Gard's reputation as a quality brand reassures home and business owners that their property is protected by a dependable product, backed up by its lifetime warranty.



Key Features

- Heavy duty extruded aluminium perimeter frame for extra strength. 10x the strength of the Australian Standard in terms of absorbed energy.
- Invisi-Gard has been designed by Alspec's in-house R&D team and manufactured in Australia by our Licensed Dealer Network.
- Invisi-Gard's 316 Marine Grade Stainless Steel Mesh is a high tensile woven mesh resulting in an exceptionally strong, corrosion resistant product.
- With over 400 dealers nationwide, Invisi-Gard is Australia's largest network of licensed fabricators.
- Invisi-Gard is supported by a lifetime warranty from Alspec, a wholly Australian owned company that has been in business for 50 years.
- Invisi-Gard is BAL rated to protect your home against bushfires in areas from BAL-LOW up to and including BAL-40.



AVEO RETIREMENT RESORT
BELLA VISTA NSW

Builder Strongbuild
Architect Jackson Teece
Fabricator Arch Systems

JAPARA ROBINA RISE AGED CARE
GOLD COAST, QLD

Builder Woollam Constructions
Architect Cottee Parker Architects
Fabricator INGLASS





ANGLICARE WOOLLOOWARE SHORES

TAREN POINT, NSW

Builder	Growthbuilt
Architect	Jackson Teece
Fabricator	Aus Windows

Products Used

McArthur Evo 101.6mm Centre Pocket Framing
Hawkesbury® Commercial Multi-Fold Door
ProGlide® High Performance Sliding Door

Designers of a premium retirement living complex sought a novel sliding door solution and found exactly what they needed with an Alspec custom aluminium extrusion. By housing flyscreen doors and glazed sliding doors within a single extruded aluminium frame, a successful combination was created which will be used for this and future buildings.

The unique solution was created for a new addition to Anglicare's Woollooware Shores Retirement Village at Taren Point. The building is the first part of a three-stage expansion of the site, and includes 42 seniors living apartments and 48 residential aged care facility beds. The remaining two stages will deliver another five buildings and an additional 140 self-contained apartments made up of one, two and three bedroom residences.

To provide secure and protected access to balconies and courtyards, Alspec's custom aluminium extrusion abilities came to the fore, creating the new sliding door and flyscreen combination. A custom extrusion is a cost-effective way to create complex cross sections to suit specific uses which are then easily assembled with other building components. In this case, the flyscreen framing was incorporated into a single frame directly alongside the ProGlide High Performance sliding door, removing the need for the usual "add-on" section to guide the screen.

Across the project, Alspec windows and doors were chosen not just for their versatility, but because of the site's proximity to the ocean and impacts from the elements. Being located on the coast, the first requirement is for key building components to have good weathering and corrosion resistant properties. Alspec's aluminium frames are made from architectural grade aluminium which is highly corrosion resistant and exceptionally strong.



PAVILION NORTH KIRRA RETIREMENT COMMUNITY COOLANGATTA, QUEENSLAND

Builder Woollam Constructions
Architect O'Neill Architecture
Fabricator Tweed Coast Glass

Products Used

Hunter Evo 101.6mm Single Flush Glazed Framing
ecoWALL 225
ProGlide UltraFlat™ Sliding Door

Fabricators, Tweed Coast Glass, were tasked with creating seamless transitions between large windows, stacking doors, and sliding doors, all while maintaining top-notch water performance in sills and zero thresholds.

Tweed Coast Glass tackled the challenge by using a combination of products, including EcoWALL225, Swan Evo doors, Hunter and Mac Evo Framing, and the Proglide Ultra Flat Sill. The team also used Hawkesbury Multifold Doors and Top Hung Sliders with 50mm awnings. The result is not just structurally sound but a visual and functional triumph. The open-plan living spaces, accentuated by well-placed windows, flood the interiors with natural light, giving an expansive and airy feel.

Beyond the technicalities, the work of these fabricators is a marriage of skill and innovation. It's not just about assembling materials but crafting an environment that enhances the residents' day-to-day living. The large terrace balconies, offering ocean glimpses, bear witness to the fabricators' dedication to elevating the living experience.

The complex stands as a testament to how pragmatic fabrication can turn a space into a sanctuary of comfort, blending privacy and luxury with the practical interplay of light and space.

Support

Alspec's national specification team is ready and waiting to help.



Ross Baynham
National Specification Manager
M: 0491 691 841
E: rbaynham@alspec.com.au



Spiros Contominas
Specification Manager
NSW/ACT
M: 0409 392 772
E: scontominas@alspec.com.au



Shadi Jahan
Specification Manager
NSW
M: 0482 166 317
E: sjahan@alspec.com.au



Nick Hyland
Specification Manager
VIC
M: 0491 695 182
E: nhyland@alspec.com.au



Alastair Baldwin
Specification Manager
VIC/TAS
M: 0490 888 311
E: abaldwin@alspec.com.au



Ian Nelson
Specification Manager
SA
M: 0449 903 210
E: inelson@alspec.com.au



Harry Walker
Specification Manager
Brisbane
M: 0491 069 858
E: hwalker@alspec.com.au



Bernie San Diego
Specification Manager
QLD/NT
M: 0416 292 071
E: bsandiego@alspec.com.au



Paul Hiscock
Specification Manager
Newcastle
M: 0410 332 497
E: phiscock@alspec.com.au

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