fairview
EXCEPTIONAL WINDOWS & DOORS

THERMAL SUITE

THERMAL SUITE SPECIFICATION GUIDE

RESIDENTIAL & COMMERCIAL PROJECTS
HEIGHT UP TO 2.4M


FRAMING DREAMS


fairview
EXCEPTIONAL WINDOWS & DOORS
FOR OVER 50 YEARS

GET TO KNOW FAIRVIEW

FAIRVIEW'S REPUTATION IS BUILT ON DELIVERING INNOVATIVE AND HIGH END QUALITY SOLUTIONS TO CUSTOMERS WITH SPECIFIC DESIGN NEEDS.

We have a strong history of providing a comprehensive range of products to our customers from mainstream suites to architectural and thermally efficient products and systems. The range of products are tested and designed for New Zealand conditions.

With over 50 years of experience in supplying joinery to the New Zealand construction industry, Fairview is a trusted name in the market. As a family-owned business we supply the industry through a network of independent fabricators who understand the local markets they work in. Being so close to our customers means we proactively seek best practice and work together with industry partners to maintain the highest standard of service and products.

We have the added advantage of having a market-leading, fully in-house research and development operation, design and technical support team. Taking a highly collaborative approach, we'll provide you with full specifications and technical information and installation details when required, so you can deliver the best results for your clients every time.

Fairview covers key aspects of the supply chain from design and testing to the supply of aluminium extrusion, glass and hardware products to deliver a complete system to the market.

fairview
EXCEPTIONAL WINDOWS & DOORS

PROUD TO BE ASSOCIATED WITH:

window & glass association nz

Interpon POWDER COATINGS

ADNZ Architectural Designers New Zealand Partner

New Zealand Certified Builders Association NZCB PARTNER

SPEC ASSIST

SPECIFICATION SUPPORT & INFORMATION

GENERAL AND TECHNICAL ENQUIRIES:

Fairview's specification team have a wide range of experience and are available to answer any questions you may have, we are just a phone call or email away.

Phone: +64 9 574 2900
Email: archteam@fmi.co.nz
www.fairviewwindows.co.nz/specifiers

E2/ASI install details available as standard. For site specific rebate or flush sill details, please contact our Architectural Advisors.

FAIRVIEW FABRICATORS

Fairview have an extensive network of Fairview fabricators across New Zealand, who are passionate about design and are experts in their field. Contact them for a free quote and to discuss your next project.

www.fairviewwindows.co.nz/manufacturers/

FAIRVIEW PRODUCT DRAWINGS AND TECHNICAL INFORMATION ARE CONVENIENTLY LOCATED ON THE FOLLOWING PLATFORMS:

PRODUCTSPEC
architecture, building & landscape products

Productspec – is an extensive library of New Zealand building products including product technical drawings, BIM and CAD files.

productspec.co.nz

masterspec partner

Masterspec – is a specifications tool to increase construction workflow and connectivity.

masterspec.co.nz

SMARTSPEC

Smartspec - is a intuitive specification writing tool.

www.smartspec.co.nz

EnviroSpec
Product Partner

EnviroSpec – is an independent consultancy providing an online platform where architects, product suppliers and homeowners can compare products in terms of their environmental performance.

www.envirospec.nz

INSTANT ENERGY EFFICIENCY REPORTS

Fairview windows and doors can provide immediate BRANZ-verified R-values on every unit, on the fly while quoting. Personalised reports show exactly what R-value each window and door can achieve – and also the combined value across the whole house. Comparisons across products are also possible.

PERFORMANCE AND TEST STANDARDS

Tested to specific design criteria where project requirements have demanded higher levels of performance.

A MORE ENERGY EFFICIENT HOME

R-values and thermal ratings

While it is tricky to quantify exactly how much money can be saved as part of a total window system quality, aluminium frames with insulated glazing can definitely help boost the energy efficiency of your home. When combined with a high-performance glass solution, like low-e, the benefits are even greater.

The thermal efficiency of windows and doors is measured by R-value. This is the thermal resistance of the entire window system (including glass, thermal spacer and joinery), not the glass on its own.

This gives you a more complete view of the performance of your Fairview window and door solution. The higher the R-value, the less heat is lost through the system, and the better the insulation will be.

Your Fairview fabricator can show you exactly what R-value rating each of your windows and doors can achieve, as well as the combined value of the houselot of joinery. This provides an easy way to compare multiple product combinations (glass, thermal spacer and joinery), on the same report.

With every Fairview window system quoted, we can provide a BRANZ-verified WEERS* rating. So it's easy to make the best choice.

Talk to us for more information about our WEERS ratings and how we can help.

WARRANTIES

15 year powdercoating warranty in most residential environments. Additional and extended warranties are available for commercial applications.

SUSTAINABILITY STATEMENT:

At Fairview we are committed to sustainability: environmental, social and economic.

- We are committed to best practice production policies to protect our environment.
- 100% of our aluminium billet is sourced from a smelter using a renewable hydropower.
- Aluminium is a 100% recyclable product and is the most recyclable of all materials.
- We support a diverse workforce and strive for continuous improvement.
- We support local jobs and economic growth within our communities.

* Window Energy Efficiency Rating Systems

CONTENTS


THERMALSUITE

THE FEELING OF COMING BACK TO A WARM HOME.

TL40

We know there's nothing quite like the feeling of coming back to a warm home on a bitterly cold, winter's day, which is why we developed Fairview Thermal.

For projects that demand improved thermal performance and contemporary style, look no further than our exceptional Fairview Thermal range of windows and doors. Fairview Thermal delivers the ultimate combination of thermal performance, quality and design flexibility.

The combination of flush surfaces, square shapes and timber liners give a clean, modern look.

Our Fairview Thermal products are designed to integrate seamlessly with our Fairview Architectural range for maximum design flexibility.

Fairview Thermal is a highly versatile, complete range ideal for residential builds and mid to high-end architectural homes where improved thermal performance is required.

THERMAL LINEAR 40

A CLEAN MODERN AESTHETIC.

TL40

The combination of flush surfaces, square shapes and timber liners give the TL40 suite a clean modern aesthetic.

The suite features 'thermal break' polyamide technology which reduces thermal transmittance through the joinery, in turn reducing the impact of external temperature variations and providing a more comfortable living environment.

TL40 also blends perfectly with the Fairview ranges for maximum design advantages.

APPLICATION

- High-quality residential applications where improved thermal performance is important.
- Suitable for mid to high-end homes.
- Suitable for aged care facilities.
- Best when;
  - a modern, flat aesthetic is required
  - a standard liner finish is required

* NZS:4284 Test Standard

FEATURES OVERVIEW

DESIGNED FOR RESIDENTIAL ENVIRONMENTS.

TL40

- Full range of mullions and transoms, including internal box stiffening or external fins.
- Heavy-duty mullion options are available.
- Square glazing bead options for optimal aesthetic appearance.
- Polyamide thermal break for thermal performance.
- Hinge and bi-fold doors can be manufactured up to 2200mm height in most situations.
- Hinged door panels available with 77mm stile and rail widths.
- Bi-fold doors can be bottom rolling with the weight carried on the sill, or top hung when the lintel is designed to receive the door loads.
- Sliding doors panels can span up to 2400mm height and 1600mm width, creating impressive openings. Heavy duty roller options manages panels up to 150kg.
- Traditional New Zealand installation method using timber reveals.
- Sashes can be added without expensive sub-frames.
- Condensation evaporation channel.
- 19mm weather facing flange.

PRODUCT RANGE CONSISTING OF:

- Fixed, awning and casement windows
- Bi-fold windows (open-out)
- Hinged doors (both open-in or open-out)
- Bi-fold doors (bottom rolling panels up to 75kg)
- Sliding doors (inside sliding panels)
- Stacking doors (inside sliding panels)

TL40
AWNING/CASEMENT WINDOW

FEATURES

- Square, flat aesthetic with a 19mm flange, accommodating a range of sash options.
- Fixed glazing, 45mm glazing platform provides a glazing capability of up to 30mm with up to 26mm IGUs in pocket sashes and 30mm in beaded sashes.
- Insert window frame for replacement windows.

SIZES

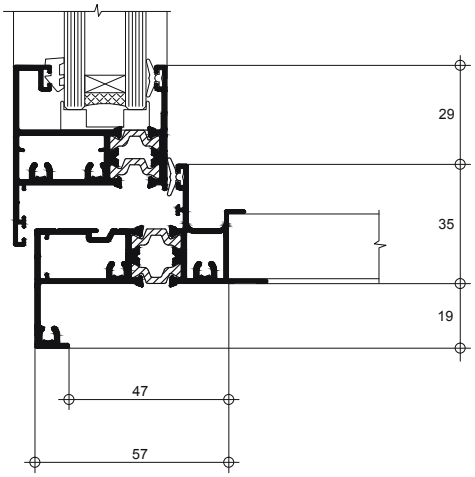
- For compliance with NZS4211:2008 and the New Zealand building code, a security stay, safety latch, or restrictor may be required for certain sash sizes. Casement window height should be greater than twice the window width.

The Fairview Architectural Advisors or your local Fairview fabricator can advise whether a configuration is possible.

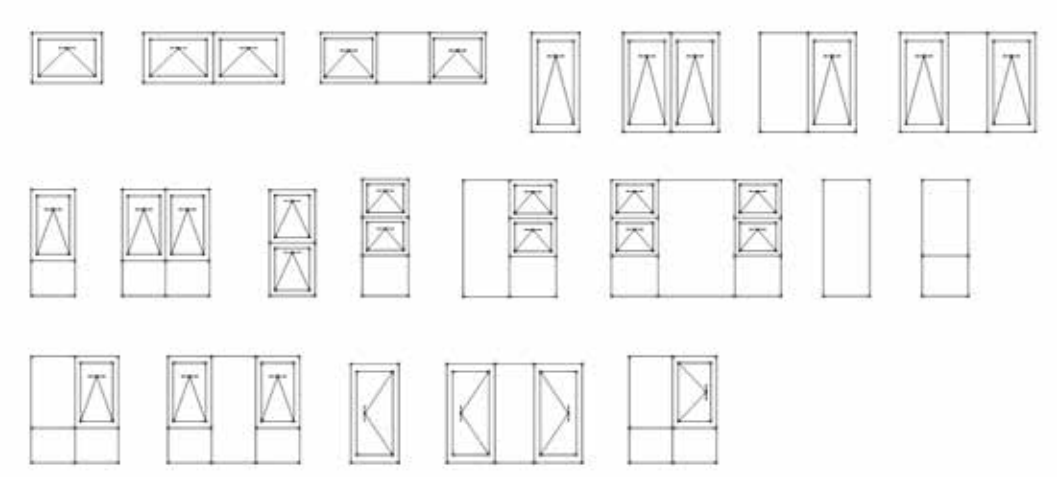
GLAZING BEADS AND PANEL TYPES

- Captive sashes provide greater security and take up to 26mm IGUs.
- Flat overlay sash.
- Glazing beads available for glass thicknesses of 18-30mm.

TL40
AWNING/CASEMENT WINDOW



CONFIGURATIONS



Configurations are examples only.

TL40
BI-FOLD WINDOW

FEATURES

- Square, flat aesthetic with 19mm flange and 54mm sill.
- Bi-fold windows open-out and can be bottom rolling with the weight carried on the sill, or top hung when the lintel is designed to receive the panel loads.
- Beaded panels take up to 30mm IGUs.
- Panels include torsional stiffening blocks for stronger panels.
- Freefold options are available. For some situations where the panel is required to open back against the wall.

SIZES

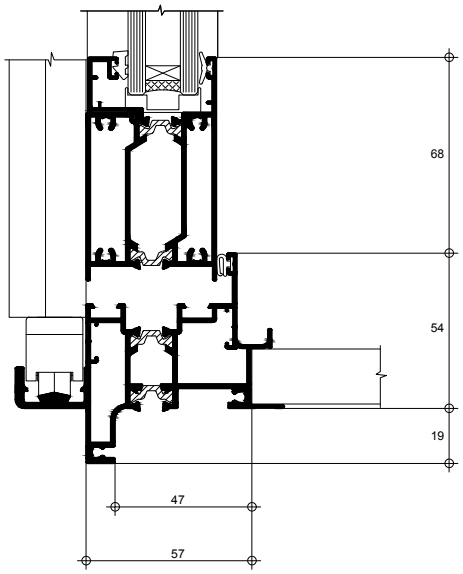
- Bi-fold window panels are 45mm thick, and are bead glazed externally on all sides for glass thicknesses of 18-30mm.
- Typical bi-fold panel limits are 1600mm height and 860mm width, however maximum sizes for bi-fold windows may vary by height, width, wind zone, and glazing requirement.

The Fairview Architectural Advisors or your local Fairview fabricator can advise whether a configuration is possible.

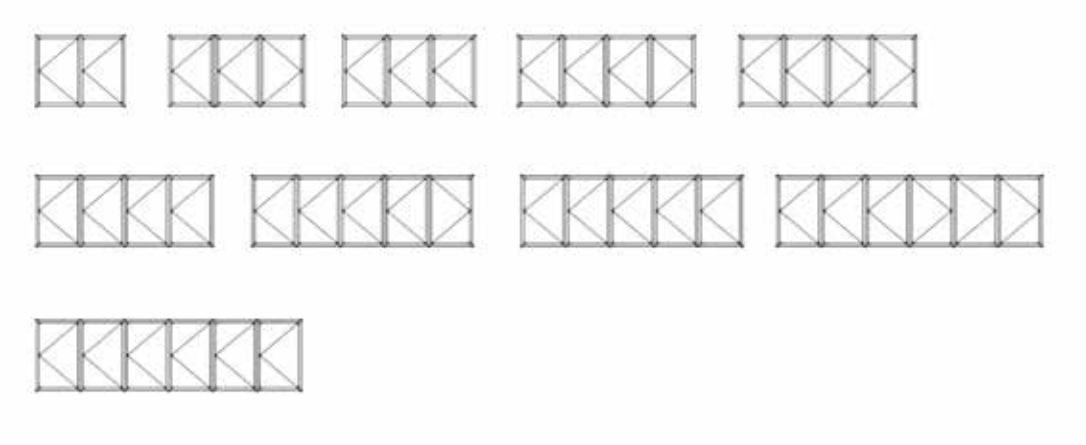
GLAZING BEADS AND PANEL TYPES

- Standard stiles and rails are 77mm.

TL40
BI-FOLD WINDOW



CONFIGURATIONS



Configurations are examples only.

TL40
HINGED DOOR

FEATURES

- Hinged doors are available in both open-out and open-in configurations.
- One-piece open-in and open-out frames with 19mm flange and 54mm sill.
- Beaded panels take up to 30mm IGUs.

SIZES

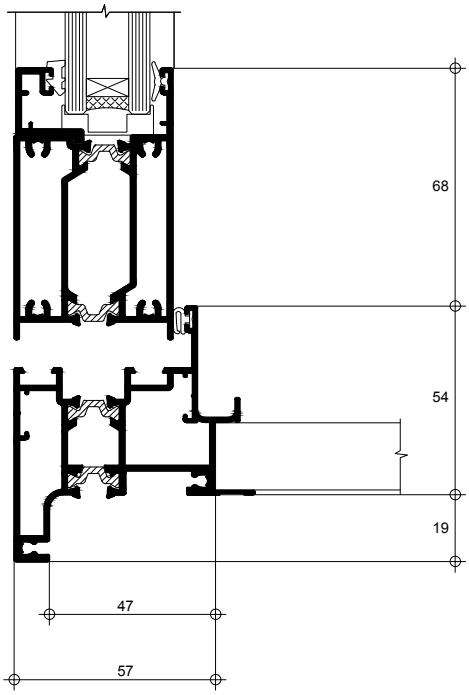
- Hinged door panels are 45mm thick; bead glazed externally on all sides for glass thicknesses of 18-30mm.
- Typical hinged panel limits are 2200mm height and 910mm width, however maximum sizes for hinged doors may vary by height, width, wind zone, and glazing requirement.
- Typical french door panel limits are 2200mm height.

The Fairview Architectural Advisors or your local Fairview fabricator can advise whether a configuration is possible.

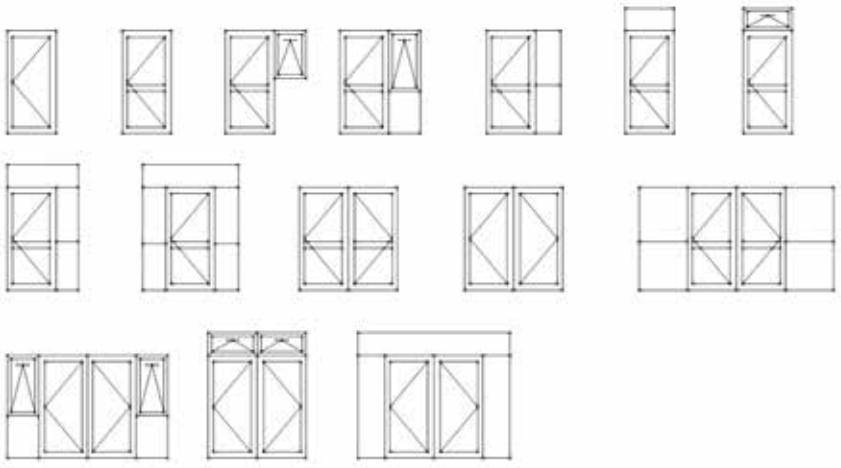
GLAZING BEADS AND PANEL TYPES

- Standard stiles and rails are 77mm.
- 2 and 4 point locking options available.

TL40
HINGED DOOR



CONFIGURATIONS



Configurations are examples only.

TL40
BI-FOLD DOOR

FEATURES

- Square, flat aesthetic.
- One-piece open-out frames with 19mm flange and 54mm sill.
- Beaded panels take up to 30mm IGUs.
- Panels include torsional stiffening blocks for stronger panels.
- Top or bottom rolling gear options.
- Freefold options are available. For some situations where the panel is required to open back against the wall.

SIZES

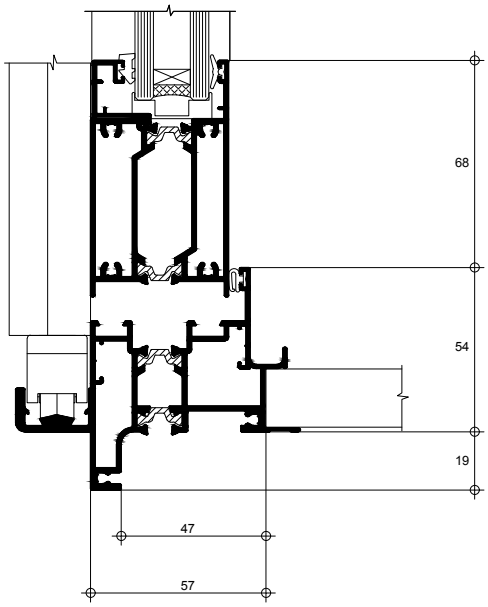
- Bi-fold doors open-out and can be bottom rolling with the weight carried on the sill; or top hung when the lintel is designed to receive the door loads.
- Bi-fold door panels are 45mm thick; bead glazed externally on all sides for glass thicknesses of 18-30mm.
- Typical bi-fold panel limits are 2200mm height and 860mm width, however maximum sizes for bi-fold doors may vary by height, width, wind zone, and glazing requirement.

The Fairview Architectural Advisors or your local Fairview fabricator can advise whether a configuration is possible.

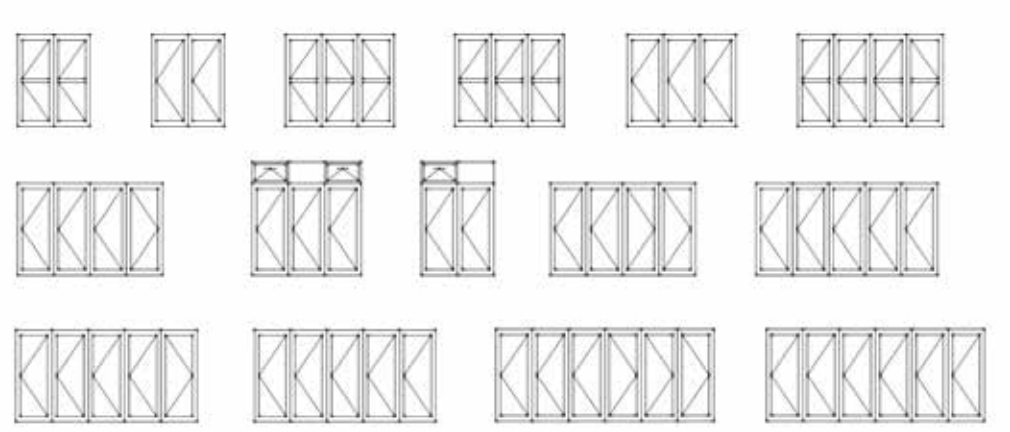
GLAZING BEADS AND PANEL TYPES

- Standard stiles and rails are 77mm.
- 2 and 4 point locking options available.

TL40
BI-FOLD DOOR



CONFIGURATIONS



Configurations are examples only.

TL40
SLIDING DOOR

FEATURES

- One-piece outside sliding door frames with 19mm flange and 45mm sill.
- Inside sliding panels allow optional opening sashes indoor sidelights.
- Panels sliding on the inside offer increased security.
- Up to 28mm glazed IGUs in panels and 30mm IGUs in sidelights.
- Flush door tracks allow for perfect indoor /outdoor transitions.

SIZES

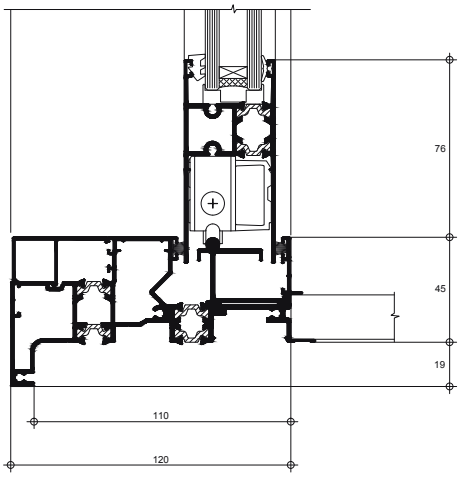
- Sliding door panels are 40mm thick and take a 28mm IGU. Sidelights are bead glazed externally for maximum glass thicknesses of 30mm.
- Typical sliding panel limits are 2400mm height and 1600mm width, however maximum sizes for sliding doors may vary by height, width, wind zone and glazing requirement.

The Fairview Architectural Advisors or your local Fairview fabricator can advise whether a configuration is possible.

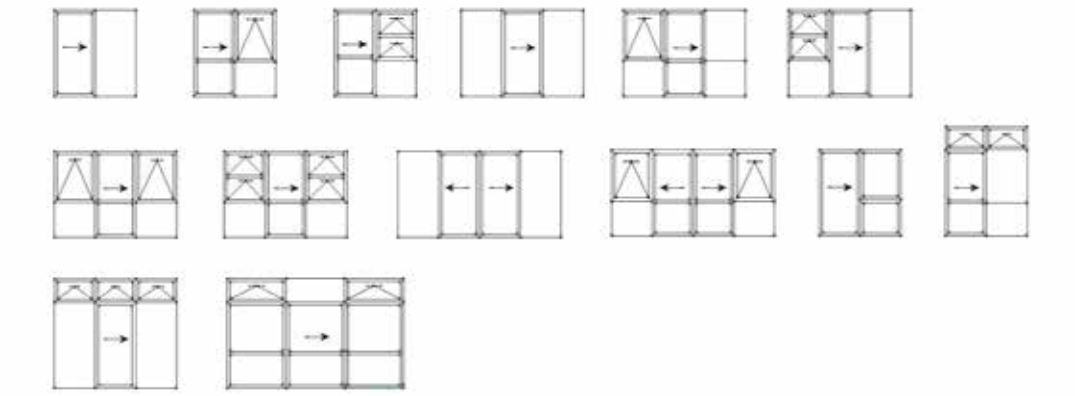
GLAZING BEADS AND PANEL TYPES

- Captive door panels take up to 28mm IGUs.
- Various optional mortise lock sets for increased security.

TL40
SLIDING DOOR



CONFIGURATIONS



Configurations are examples only.

TL40
STACKING DOOR

FEATURES

- One-piece outside sliding door frames with 19mm flange and 45mm sill.
- Inside sliding panels allow optional opening sashes indoor sidelights.
- Panels sliding on the inside offer increased security.
- Up to 28mm glazed IGUs in panels and 30mm IGUs in sidelights.
- Flush door tracks allow for perfect indoor /outdoor transitions.

SIZES

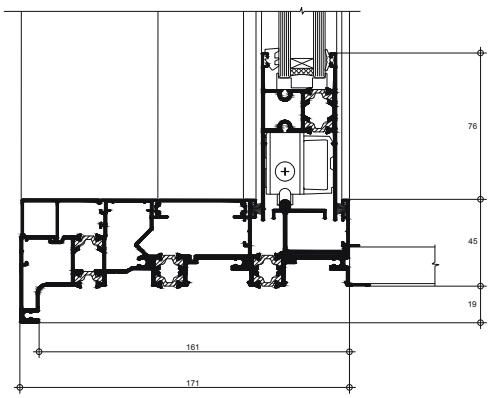
- Sliding door panels are 40mm thick and take a 28mm IGU. Sidelights are bead glazed externally for maximum glass thicknesses of 30mm.
- Typical sliding panel limits are 2400mm height and 1600mm height, however maximum sizes for sliding doors may vary by height, width, wind zone, and glazing requirement.

The Fairview Architectural Advisors or your local Fairview fabricator can advise whether a configuration is possible.

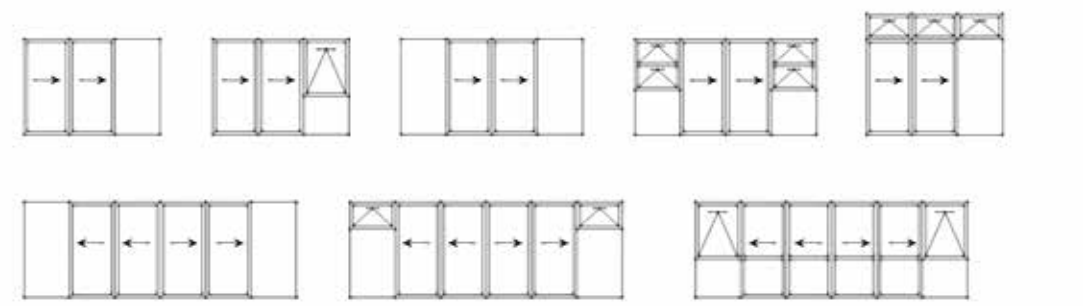
GLAZING BEADS AND PANEL TYPES

- Captive door panels take up to 28mm IGUs.
- Various optional mortise lock sets for increased security.

TL40
STACKING DOOR



CONFIGURATIONS



Configurations are examples only.

ACCESSORIES & FINISHES

STYLISH, DURABLE & TOUGH.

FINISHES, COLOUR & ENTRY DOORS

- Huge range of standard and non-standard powdercoat colours available.
- Anodising provides a matt metallic finish. Standard colour options are silver, black and bronze, 20 and 25 micron thickness, and are subject to a site-specific warranty.
- EUROWOOD™ range has a timber look. Available in a range of wood-grain finishes.

POWDERCOAT FINISHES

- Powdercoating is one of the most durable colour-coatings available. It's a baked on coating that is available in a wide range of colours.
- With 36 standard colours to choose from, (and 300+ colour range available) it is a popular choice.
- We powdercoat our windows and doors using our own facilities, accredited to WGANZ Enduro Colour Powdercoating Quality Standards, so we know they are built to last.
- Powdercoat products come with a 15-year guarantee*

AkzoNobel – Partnering up with world-class business to ensure we deliver outstanding quality and trusted outcomes.

ANODISED FINISHES

Anodising uses an anodic oxide coating to bring out unique colours within the metal of the frame. The result is a stylish, matt metallic finish that's durable and tough wearing.

EUROWOOD™

Eurowood™ has the warm look and feel of timber, without the associated maintenance issues – no swelling, warping or rotting, and no need to paint. There's a range of woodgrain finishes to select from. Eurowood can also be used on front doors for an eye-catching entrance.

* See page 29.

INTERPON BRIGHTS

- Perfect for a bold entrance with dramatic visual effect, the Brights range offers a vibrant selection of UV stable colours. Ultra-durable and weather resistant this premium powdercoating range by Interpon is backed by a global 10/15 year warranty*.
- Suitable for both residential and commercial applications.

ENVIRONMENTAL IMPACT

The environmental impact of our products is important to our customers, and it's important to us. That's why we take care to ensure our production processes are as sustainable as possible. Our powdercoatings don't contain Volatile Organic Compounds (VOCs), they are recyclable during the application, and they've been produced using a sustainable manufacturing process. Therefore they have a lower ecological footprint than most other coating alternatives, and our finishings are so durable that the need for replacement coatings is reduced.

PLATINUM DOORS

FRONT ENTRY DOORS

Platinum Doors are designed to be tough and endure the worst of what New Zealand's weather can throw at them. They won't split, swell or warp either – making tedious repainting a thing of the past. Supplied in standard sizes or custom built to meet your individual requirements, with glazed options in most designs and a large selection of powdercoat colours including woodgrain finishes.

PLATINUM DOORS

www.platinumdoors.co.nz

BUILT TO LAST.

POWDERCOATING

Interpon D is a warranty-grade powdercoatings range engineered specifically for architectural aluminium applications.

This range includes several coating technologies designed to meet the various AAMA standards requirements.

HOW TO SPECIFY INTERPON POWDERCOATINGS

Once you have chosen the interpon powdercoating suitable for your project, it's important to use the correct product. This is simply done in 3 easy steps.

1. Nominate the interpon product e.g. DI0000.
2. Nominate the colour, finish and product code e.g. Silver Cornet Satin GYI84C.
3. Add to your specification detail.

	INTERPON D2525 FUTURA	INTERPON DI0I0 PREMIUM COMMERCIAL	INTERPON DI0I0 PREMIUM RESIDENTIAL
			
WARRANTY LEVEL	Gold	Silver	Silver
FILM INTEGRITY WARRANTY	25 years	I5 years	I5 years
COLOUR RETENTION WARRANTY	I5 years	I0 years	I5 years
WAGNZ	✔	✔	✔
AAM 2603		✔	✔
AAM 2604	✔		
NEW ZEALAND BUILDING REGULATIONS	A	A	B
COATING TECHNOLOGY	TGIC-Free Ultra Durable Polyester	TGIC-Free Durable Polyester	TGIC-Free Durable Polyester
ENVIRONMENTAL CREDENTIALS	Eligible for Green Star points	Eligible for Green Star points	Eligible for Green Star points

A = Suitable for all classes. Any building, any height. All NZ3604 Zones B, C & D.

B = Suitable only for Clause AI of the New Zealand Building Regulations, domestic residential buildings of classified uses, class 2.0 housing and Class 7.0 outbuildings. Up to 3 levels in height. All NZ3604 Zones B, C & D.

WINDOWS AREN'T JUST PART OF YOUR PROJECT'S FRAMEWORK.

GLASS

Fairview are pioneers in total window system supply, adding an extensive selection of glass options to our aluminium frame offerings in 2009. Our combined expertise delivers optimum solutions through our national fabricator network.

Windows are not just part of a home's framework. They can add light and life, warmth and beauty. That's why choosing the right glass is so important.

The right glazing options for a home and the costs involved will depend on a number of things. Factors like lifestyle, climate, noise levels and where your windows are positioned need to be considered.

Fairview window and door solutions work to make a home more comfortable. When you combine our exceptional windows and doors with the optimum insulated glass selection, you'll have a living environment that feels 'just right', all year round.

For glass options visit www.fmiglass.co.nz

fmi GLASS

GET TO KNOW YOUR GLASS

- **LOW-EMISSIVITY (LOW-E) GLASS**

  Glass with an almost invisible coating contained on the inside pane of an insulated glass unit (IGU). This coating lets the sun's light and energy into your home and reflects heat indoors, forming a shield against the cold. In warmer climates, low-e glass can be used to keep the heat out.

- **U-VALUE**

  The measure of air-to-air heat transfer through glass and the difference between the indoor and outdoor temperatures. The lower the U-value, the lower the heat transfer and the better the insulation.

- **R-VALUE**

  The thermal resistance of the total window system (including glass, spacer and joinery type). The higher the R-value, the less heat that is lost through the system and the better the insulation.

- **SHADING CO-EFFICIENT**

  The ratio of total solar heat gain through a particular glass type compared to the total heat gain through 3mm clear glass. The lower the shading co-efficient, the more the glass restricts the transfer of solar heat.

- **VISIBLE LIGHT TRANSMISSION**

  The percentage of visible light transmitted through the glass. The higher the VLT, the more natural light enters the room.

- **ARGON**

  A noble gas used inside a double or triple glazed unit. It restricts the transfer of heat and provides greater insulation. It is often used with Solace Low-E glass.

INSULATED GLASS UNIT (IGU)

Windows with an IGU can help you halve your heat loss compared to single-glazed windows of the same size and shape.*

IGU's can add value to your property, using the right glass combination to reduce noise, glare, fading of furnishings and increasing your security and comfort.

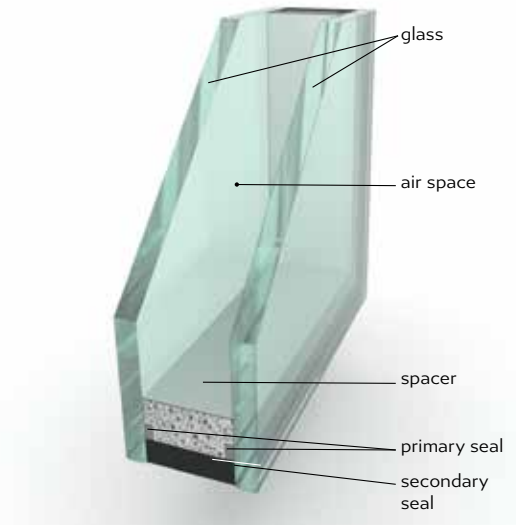
An IGU is made of two or more glass panes with sealed air spaces around the perimeter. The sealed air spaces can be filled with an insulating gas like argon.

This allows almost as much sunlight to filter through compared to a single-glazed window, but the heat will be held in more effectively.

Spacers separate the glass panes to reduce condensation and can create a 'warmer edge' to your windows and doors, allowing you to make the most of your living space and live closer to the view you love.

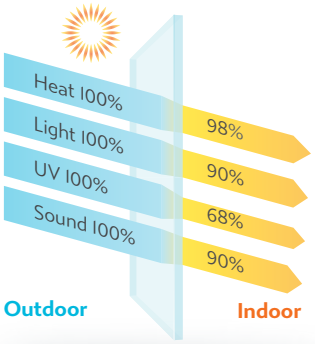
* Smarter Homes website. Smart Guide, Glazing and Glass Options.

INSULATED GLASS UNIT



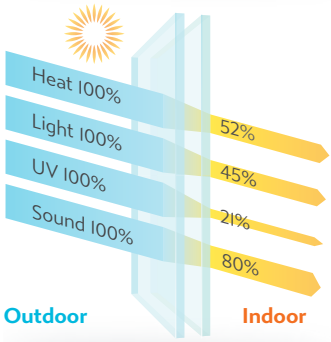
THERE'S A LOT MORE TO GLASS THAN MOST PEOPLE THINK.

CLEAR GLASS
Single glazed 4mm clear



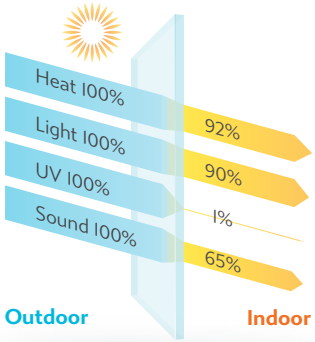
U-value: 5.8	R-value: 0.17

TINTED GREY & CLEAR GLASS*
5mm tinted grey, 12mm air, 4mm clear glass



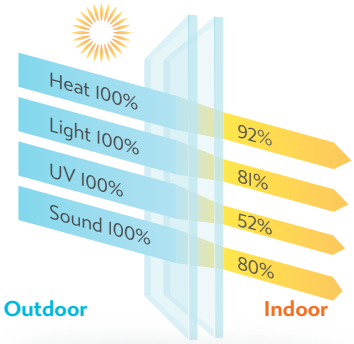
U-value: 2.73	R-value: 0.36

LAMINATED GLASS
Single glazed 6.38mm clear laminated



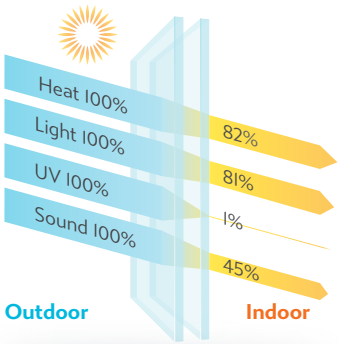
U-value: 5.6	R-value: 0.17

CLEAR GLASS & CLEAR GLASS
4mm clear glass, 12mm air, 4mm clear glass



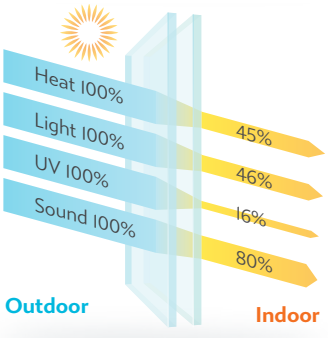
U-value: 2.9	R-value: 0.34

CLEAR LAMINATED & CLEAR GLASS
6.83mm clear laminated glass, 12mm air, 4mm clear glass



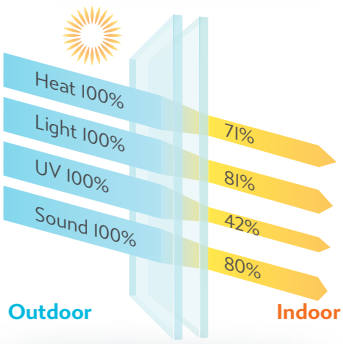
U-value: 2.8	R-value: 0.35

TINTED GREY & LOW-E GLASS*
5mm tinted grey, 12mm air, 4mm low-e glass



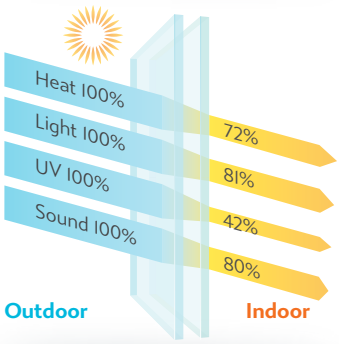
U-value: 1.8	R-value: 0.55

CLEAR & LOW-E GLASS
4mm clear glass, 12mm air, 4mm low-e glass



U-value: 1.7	R-value: 0.58

CLEAR, ARGON & LOW E GLASS
4mm clear glass, 12mm argon, low-e glass



U-value: 1.3	R-value: 0.76

* The use of tinted or reflective glass leads to higher absorption of solar radiant heat, this results in higher thermal stress which may lead to fracturing of the glass pane. Heat strengthened or toughened glass may be required. Talk to your Fairview fabricator for more information.

MAKE THE CHOICE EVEN EASIER.

GLASS

To make the choice even easier, we've developed this handy checklist – simply compare the benefits to select the perfect glass solution for your project.

* Tinted windows only provide privacy during the day, not at night when internal lights are switched on.

WISH LIST	SOLACE LOW-E GLASS	TOUGHENED GLASS	LAMINATED SAFETY GLASS	LAMINATED ACOUSTIC GLASS	TINTED GLASS	PATTERNED / OPAQUE GLASS
A WARMER HOME	■					
A COOLER HOME IN SUMMER	■				■	
MINIMISE CONDENSATION	■					
LESS NOISE			■	■		
REDUCE FADING OF FURNISHINGS & ARTWORK	■		■	■	■	
REDUCE GLARE					■	
KEEP YOUR FAMILY SAFE		■	■			
MORE PRIVACY					■ *	■

SOLACE LOW-E

Solace Low emissivity (low-e) glass has an almost invisible coating that covers the inside pane of glass. This coating lets the sun's light and energy into a home and reflects the heat back indoors, creating a shield against the cold. Add an insulating gas like argon and it can keep in even more warmth.

Solace Low-e cuts down heat loss through windows by about 20-30% compared to insulated glass alone.**

How does this help? One benefit is that you can live closer to windows and doors, maximising living space.

By changing the location of the low-e coating for warmer climates, low-e glass can be used to keep the heat out too.

SAFETY GLASS

Safety glass has extra features that make it less likely to break, or help it to break in a less dangerous way, keeping families safe and sound.

** EECA Energywise website. Double glazing.

There are two types of safety glass to choose from: toughened and laminated. You'll want to think about where and how glass is being used before deciding which type is best.

TOUGHENED GLASS

Toughened safety glass has undergone heat treatment to make it stronger overall. If this glass does break, it breaks into small pieces, reducing the risk of injury.

LAMINATED GLASS

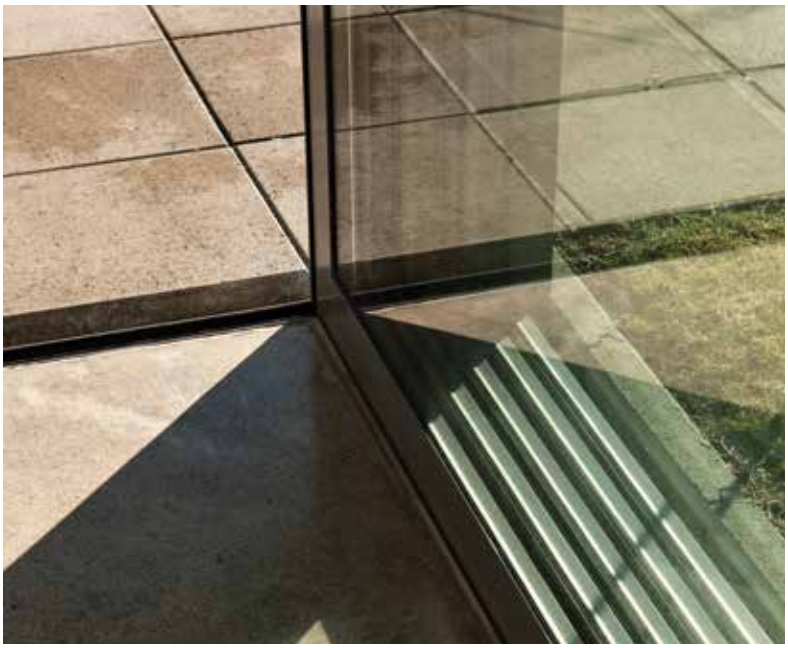
Laminated safety glass is made by applying a plastic interlayer between two (or more) panes of glass. It's much harder to break through and won't shatter like normal glass. Instead it 'spiderwebs' from the centre because the interlayer holds it all in place.

GLASS

TINTED GLASS

The sun brings light and warmth to a home, but it can also fade furnishings, carpets, curtains and artwork. Tinted glass decreases the amount of UV, visible light and heat that passes through windows, to reduce fading of your precious things.

Tinted glass is made by adding metal oxides during manufacturing, reducing glare from outside and decreasing the amount of solar heat that reaches through the glass.



TIP

- *Grey tints have low light transmission, reduce solar heat and glare.*
- *Bronze tints reduce solar heat and glare and offer more visible light.*
- *Green tints offer better solar performance and superior light transmission.*

SOUND REDUCING

Whether it's from traffic or neighbours, noise can be stressful and irritating. Acoustic laminated glass (sound reducing glass) is an excellent solution for homes that are close to busy roads, or anywhere that noise might be an issue.

Acoustic laminated glass reverberates sound waves back to where they came from and also absorbs the noise energy within the glass. Insulated glass units can also improve sound absorption and reduce the noise coming into a home. Using thicker insulated glass or combining insulated and acoustic laminated glass will give the best noise protection and the most comfort in a home.

TIP

The type of glass needed will depend on the type of noise. Traffic noise requires a thicker single pane of glass, but acoustic laminates are better for other types of noise.

DOOR HARDWARE.

SCHLAGE VERTA WINDOW & DOOR HARDWARE

Design elevates the functional to the sublime. Clever design is unobtrusive, yet distinct. Beautiful design delights the senses, challenges us and inspires joy every day.

The Schlage Verta Series consists of bi-fold operator, flush pull, sliding door pull handles, hinged door lever furniture, high and low profile window fasteners, and matching euro cylinder escutcheon.

Interior door hardware is also available, allowing a seamless look inside and out.

With a substantial 25 year finish and 10 year mechanical warranty, the Schlage Verta Series is an investment in quality and style for now and the future.

- Classic design with precision engineering
- Suitable for internal and external use
- Constructed from marine grade 316 stainless steel

SCHLAGE KANSO WINDOW & DOOR HARDWARE

The Schlage Kanso Series is a contemporary door and window range with clean lines and crisp edges, offering a modern look with minimal styling, for maximum impact.

- Full suite of exterior door and window hardware
- Matching interior furniture available with QuickFix technology
- Harmonious design throughout the range
- Locally engineered and tested
- Powdercoated to match your joinery
- Features a 10 year mechanical warranty

The Schlage Kanso Series consists of sliding door pull handles, flush pull, sliding door locks, euro cylinder escutcheon, bi-fold operator, hinged door lever furniture and high and low profile window fasteners.

SCHLAGE STELLA
WINDOW & DOOR HARDWARE

Bold strong lines and subtle curves make the Schlage Stella Series ergonomic and stylish, accenting any architectural look. The Schlage Stella range is a full suite of products to complement your decor.

The Schlage Stella Series consists of high and low profile window fasteners, hinged door lever furniture, sliding door pull handles and locks, flush pull, bi-fold operator and euro cylinder escutcheon.

- Full suite of door and window hardware
- Locally engineered and tested
- Powdercoated to match your joinery
- Features a 10 year mechanical warranty

CARE AND MAINTENANCE.

WINDOWS & DOORS

Fairview products comply with all regulatory requirements and are tested in an international accredited laboratory, and comply with international accreditation NZS ISO IEC 17025:1999. 15 year powder coating warranty on colour integrity and lm integrity for use in most residential environments (excludes commercial, high-rise and marine usage).In addition to these standards, there are some simple steps that you can take to ensure the longevity of your new doors and windows.

Post construction and installation it is essential that your joinery, hardware and glass be cleaned to make sure that building dust and debris is removed and to ensure that any drainage holes are not blocked. Cleaning should include the removal of any build up indoor tracks, to ensure that drainage paths remain clear. This cleaning should be repeated every three months, and more frequently in coastal or industrial environments.

We recommend cleaning with a soft brush and warm water containing a mild household detergent. Rinse with fresh water to remove any detergent residue.

Do not use abrasive steel wool, scourers, scrapers or aggressive solvents, as these may damage the finish.

GLASS

Care must be taken when cleaning glass to avoid scratching or marking. Use only recommended glass cleaning products, and rinse with fresh water after their use.

We recommend washing the glass down with water before cleaning to loosen any dirt.

When cleaning double glazed units, make sure that solvents do not come into contact with the edge laminate or unit sealant.

Avoid cleaning the glass in direct sunlight.

FAIRVIEWWINDOWS.CO.NZ

fairview
EXCEPTIONAL WINDOWS & DOORS

WE ARE PROUD TO BE PART OF:

fmi Building innovation.

FS053/VI