

B&V

TIMBER JOINERY

specialist door & window manufacturer



**Quality Timber Door & Windows
for all types of property**

Issue 5 - August 2011

Call: 0800 428642 from any land line in NZ or 09 846 1502 from mobiles

www.bvj.co.nz



Hours:

Our Trade Counter and Sales Lines are open from **7:30am until 5:00pm** Monday to Friday and from **8:00 to 3:00pm** Saturdays. We do not close for lunch.

Payment Types:

We welcome Cash, Cheque, Eftpos and Credit Card (Visa

& Mastercard) and with no surcharge. If you're in the trade you may find that a credit account makes it easier to make purchases.

Credit Accounts:

If you wish to apply for a credit account, return the FREEPOST card at the back of the book and we will post or e-mail you an application form by return. Processing applications normally takes around a week.

Placing an Order:

We try to make placing an order with us as easy as possible. As well as visiting our trade counter and showroom to collect products or browse. We accept orders by telephone, fax, e-mail and you can also buy on line at our own on line shop. See below for more details.



If you've got a long list of materials, why not phone, fax or e-mail the order through we will call you back to confirm everything is in stock and a pick up time.

If what you are ordering is 'Made To Order', please refer to the right hand column on this page where the simple procedure is outlined.

On-Line Shop:

You can now also purchase our products on-line by visiting shop.bungalowandvilla.co.nz. (Note: There is no www. in the web address) Most of our product range are listed and there



are various payment and delivery options making it convenient and flexible.

Deliveries:

It's not always convenient to collect materials, especially if they are large in size. Our delivery

area includes most parts of Auckland. Please ask about our delivery charges.

USEFUL INFORMATION

Stock Products:

We aim to have as many products in stock as possible, making it easier for you to plan your purchases: Mouldings, Interior Doors, Entrance Doors, French Doors, Turned Products, Fretwork, Brassware, Hardware and Classic Electrical Switches

Specials:

If you require something that we do not have in stock, we can most likely order it in, in a few days and at a competitive price.

Made to Order Products:

Made to Order products are a large part of our business - our reputation is based upon understanding your needs and delivering your order on time & complete.



Mouldings:

In addition to the large stocks of mouldings we carry, we can run special profiles at short notice (subject to product and tooling availability)



Joinery:

Whether it's traditional or contemporary timber joinery, we want to be your first choice joinery supplier.

Turnings:

All our wood turning is done in house.

Gates & Fire Surrounds:

We manufacture a range of Gates and Fire Surrounds these are detailed in the Bungalow & Villa Product Guide.

Pre-assembled Products:

Having Bungalow & Villa make and assemble modular products such as balustrades can help save time and money on site. We would welcome the opportunity to discuss your requirements.



Other Services:

In order to simplify things for you we can supply joinery glazed and primed - please ask for a quote.

Getting Started:

Once we have received your enquiry, we will respond with a quotation as soon as possible. Please note that the time taken to complete a quotation can depend upon the complexity of the job.

When you wish to proceed with the order, you will need to complete our **Quote Acceptance Form** and if you do not have a credit account, pay a 40% deposit. This can also be completed on line. Please ask us for more details.

Made to order Joinery products generally take around 4 weeks to complete - however please ensure you confirm the delivery time at the time of placing your order, especially if more specialist timber is being used.

Product and Specifications in the Guide

We have made every endeavour to ensure that the details and specifications in the Product Guide are correct at the time of printing. Sometimes specifications may change or new products may be launched. If you are in any doubt, please call us for the latest information.

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Frequently Asked Questions:

Where can I see your products on display?

You can see a selection of our doors & windows at our premises in Morningside and at the Auckland Home Ideas Centre in Parnell. (165 The Strand, Parnell. 09 303 4755. www.homeideas.co.nz)

The displays include:

- Bifolding Doors
- Bifolding Windows
- Sliding Doors
- Sliding Windows
- Double hung Windows
- Entrance Door Sets
- Bungalow & Casement Windows
- French Doors
- Interior Doors

In addition at our premises in Morningside, you can see all of our Gates and Fireplace Surrounds on display.

Do you have a joinery price list?

As most items of joinery are made to order, they are priced at the time of enquiry. However, we have prices for many standard items such as Single Doors, some French Doors and Entrance Door Sets. Visit our on-line shop: shop.bungalowandvilla.co.nz to find out more.

How do I get a quote?

You can e-mail, phone or come in to see us with your enquiry. You can use the codes in this guide or a description of what you require. Page 7 of this Guide has more information about the process.

Do you offer an installation service?

We do not offer an installation service as our products are designed to be installed by any suitably qualified tradesperson / builder.

Do your products have any care guidelines?

Each item of comes with a card as shown on the right, detailing guidelines for site storage, preparation and installation.

Correct sealing & priming is extremely important to protect joinery against the effects of variable humidity and weather conditions that we experience. It is particularly important to ensure that tops and bottoms of doors and window sashes receive sufficient protection.

This card should be left on site with the home owner. If you require more copies of it, please call us and we will be happy to send out more.

What timbers do you use?

Unless otherwise requested, we will specify Western Red Cedar for doors and window sashes. We do not use finger jointed cedar. For paint quality frames & sills we use H3.2 treated pine.



Images:

The images in this Specification Guide are the property of Bungalow, Villa & Beyond Limited and are meant as a reference only as actual product may vary in appearance.

Disclaimer:

We have taken care to provide accurate information but it is intended as a guide only. Legal requirements and product specifications change from time to time so Bungalow, Villa & Beyond Limited do not take any responsibility for the accuracy of the content.

Timber is the first choice material for doors and windows for many people as it helps add character to properties of all ages and styles. It is also versatile to work with which means that custom designed doors and windows to suit your exact requirements can be manufactured. Over the last year important changes have been made to the NZ Building code. This pages explains how this affect doors and windows.

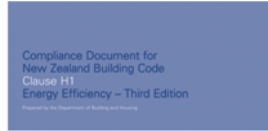
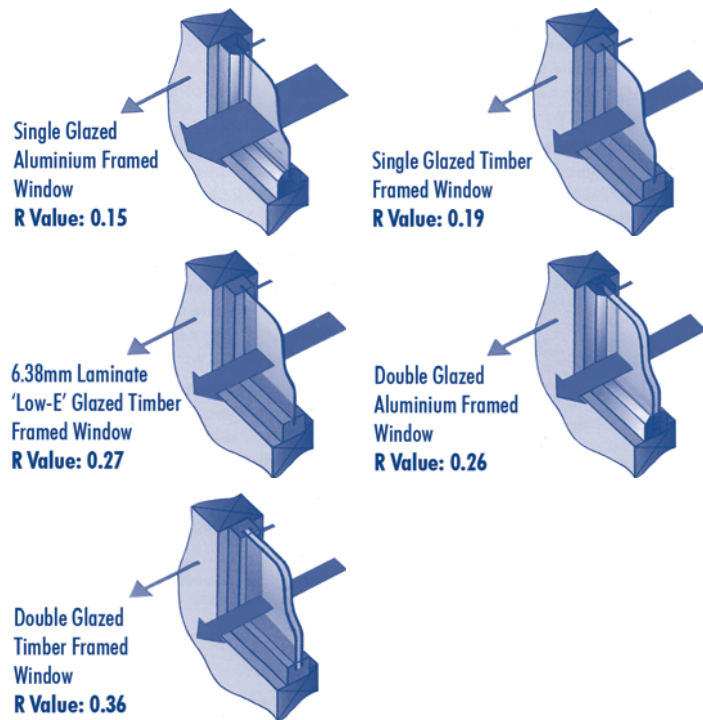
Building Code Clause H1

New requirements for Building Code Clause H1 were announced in May 2007. H1 is the clause that spells out the minimum requirements for energy efficiency. A key part of these changes are higher insulation standards. This will have an effect on how doors and windows are specified.

On October 1st 2008, these changes will come into force for 'Zone 1' which is the area north of the Bombay Hills; i.e. Auckland, Northland and also includes the Coromandel Peninsular. The changes outlined below affect all houses and other buildings that have a floor area of less than 300m².

In New Zealand we use 'R Values' to measure the heat loss factor in certain parts of a building such as Walls, Roof & Windows. The Building Code indicates that vertical glazing should have an 'R Value' of not less than 0.26.

This means that for a lot of Aluminum joinery, double glazing may be necessary. However, Timber framed joinery has better insulating properties and when used with 'Low E' laminated glass, an R Value of 0.27 is achieved. Double glazed timber framed windows with standard annealed glass have an R value of 0.36. The images below show the different 'R' values with different frame, glazing combinations.



The Building Code also states that this method of using set R values for different types of glazed joinery is only valid where the glazed area of the South, East & West sides are less than or equal to 30% of the total wall area.

Where the glazed area exceeds 30% of the total wall area on these three faces, then the 'calculation or modelling method should be used.

These notes are a short summary of the changes to clause H1 of the building code. For further information a booklet published by the Department of Building & Housing is available - call us and we will send you a copy.

For more detailed information, clause H1 of the building code can be downloaded as a 'pdf' file from the Department of Building & Housing website: www.dbh.govt.nz.

Product Suitability

Single glazed timber joinery, glazed with 6.38mm laminated 'Low E' has an R value of 0.27, which exceeds the minimum R value requirement under the changes to the building code.

Exceptions

Work which does not require a building permit such as repairs and replacement windows may not need to meet these requirements.

Product Availability

Most joinery products that are available as single glazed units are available as double glazed units. However, double glazed joinery can be a lot heavier than single glazed units. This means that with some product types there may be certain restrictions.

B&V Timber Joinery manufacture a range of doors and windows suitable for single glazing, this is our **Trendlite** range. We also manufacture a range of doors and windows suitable for double glazing, this is our **Insulite** range. Details about both ranges are on the following page.

Made to order joinery typically has a lead time of 4 weeks from receipt of order / instruction. See page 7 for more information about placing orders.

Information and images used on this page have been used with the kind permission of the Department of Building & Housing.

Pages 8-18 show a large selection of the joinery items that we regularly produce. For the items shown, we have developed standard specifications for single and double glazing to make it easier for you to specify which joinery items you require. In addition to the items shown, we can custom make doors and windows to suit your exact requirements.

'Trendlite' Single Glazed Joinery

'Trendlite' is our standard joinery range for single glazed doors & windows, accomodating glass up to 8.38mm thick.

Standard 'Trendlite' Specifications

Sash:	Paint Quality Cedar 42mm
Frame:	Paint Quality: Sill H3.2 Pine; Jamb, H3.1 Pine
Jamb:	145 x 35 min - 42 max
Window Sills:	Standard 42mm
Door Sills:	Standard Open In / Open Out
Facings:	140 x 18mm Flat H3.2
Prime:	1 Coat Oil Based Primer on all sides
Draught Seals:	Aquamac White.

Some types of joinery will have different specifications to those set out above and will come with different types of hardware. It is important therefore to follow the specification for each type of joinery item.

The following items are all available as optional extras:

Stain Quality Sashes:	Clear Cedar or other species as requested
Stain Quality Frame	
Interior & Exterior:	Kwila or other type specified at the time of ordering
Exterior Only:	Standard H3.2 Pine with a Rimu* lining
Extra Lites	
65mm Sill	
Jambs wider than 140mm	
Glazing	
*Rimu - 'Pacific Rimu' used in lieu of NZ Rimu	

'Insulite' Double Glazed Joinery

'Insulite' 'Trendlite' is our standard joinery range for double glazed doors & windows, accomodating double glazed units (IGUs -Insulated Glass Units) up to 21mm thick.

Sash:	Paint Quality Cedar 56-65mm <i>(Depending on thickness of IGU)</i>
Frame:	Paint Quality: Sill H3.2 Pine; Jamb, H3.1 Pine
Jamb:	145 x 42
Window Sills:	Standard 42mm
Door Sills:	Standard Open In / Open Out
Facings:	140 x 18mm Flat H3.2
Prime:	1 Coat Oil Based Primer on all sides
Draught Seals:	Aquamac White.

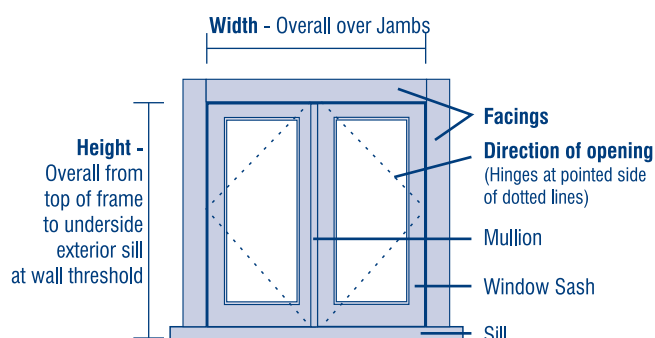
Some types of joinery will have different specifications to those set out above and will come with different types of hardware. It is important therefore to follow the specification for each type of joinery item.

The following items are all available as optional extras:

Stain Quality Sashes:	Clear Cedar or other species as requested
Stain Quality Frame	
Interior & Exterior:	Kwila or other type specified at the time of ordering
Exterior Only:	Standard H3.2 Pine with a Rimu* lined
Extra Lites	
65mm Sill	
Jambs wider than 140mm	
Glazing	
*Rimu - 'Pacific Rimu' used in lieu of NZ Rimu	

Windows Explained

The drawing below shows the standard parts of a typical item of joinery and where measurements should be taken from.



Standard Hardware

As a rule, the following items of hardware are used as standard:

Hardware	Joinery Type
Stainless Steel Hinges	Casement Windows, Hinged Doors
Stainless Steel Friction Stays	Fanlight Windows
Henderson Timberfold	Bifold Windows & Doors
Henderson Coastal	Double Glazed Doors & Windows and Larger Single Glazed Doors
Polished Brass or Satin Chrome Pulleys, White Cord & Counter Weights	Double Hung Windows

The recent changes to Clause H1 of the building code, may affect the glazing that you are able to install in doors and windows. The information on this page is designed to help explain what products are available.

What Glazing is Available?

Under the amendments to clause H1 of the Building Code, double glazing is not mandatory and we are happy to quote for the supply of all types of glass, including standard float glass, Low E glass and double glazing.

Single Glazed 'Low E' Glass

'Low E' or low emissivity glass is very similar to standard annealed float glass. The fundamental difference is that it has a factory applied hard coating on one side. The coated side, goes on the inside of the glass in order to function properly.

Low E glass is not a new product and has been used extensively in Europe for in excess of 6 years.

Will I notice any difference?

If you compare it with a standard piece of glass against a white background, then the 'Low E' glass will look to have a very faint tint. Once glazed in a piece of joinery, most people do not notice any difference. We have samples on display for you to make your own judgement.

Does 'Low E' Glass fit in standard timber joinery?

Yes. As the glass is 6.38mm thick, the rebates will be altered slightly but it is the same joinery unit as used for any other item of single glazed joinery.

Are there any cleaning guidelines?

Viridian, the manufacturers of 'Comfort Plus' Low E glass provide the following cleaning guidelines:

"These glass products have a very thin coating on the interior glass surface. It is this hard and durable coating which gives these products improved thermal insulation and solar control performance compared to ordinary clear glass. The coated surface of Viridian ComfortPlus™ ComfortSave™, EnergyTech™ and Enviroshield Performance™ glass does clean differently to ordinary glass and these guidelines are recommended for the best hand cleaning results.

Routine Cleaning

Hand cleaning of the coated (interior) surface to visibly remove accumulated dust or fingerprints can be accomplished using a number of different glass cleaning products. The exterior surface of the glass is not coated so can be cleaned in the same fashion as ordinary glass.

Recommended Routine Cleaning Products:

Windex® Glass & Surface (clear liquid available from Supermarket), produced by SC Johnson & Son, Pty Ltd

A mixture of one part vinegar with ten parts clean water.

In addition to the above products, commercially available vinegar-based glass cleaners have generally demonstrated an ability to provide a clean, streak free glass surface. Viridian does not recommend the use of ammonia-base and alcohol-base glass cleaners because these products tend to leave visible streaks."

What finishes are available in Low E Glass?

Comfort Plus Low E laminated glass is available in all the popular glass finishes:

Clear Satinlite Opacid	Grey Seadrift Spotswood (Stippolite)	Bronze Flemish	Cathedral Hammered All single colours
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Other Comfort Plus Advantages

In addition to improved levels of thermal insulation, Comfort Plus offers the following advantages:

Fading Reduction	Comfort Plus Reduces UV radiation by 99%, which reduces the fading of furnishings.
Safety	As Comfort Plus is a laminate, it is a 'safety glass'. It reduces the potential for injury and if broken, remains in place.

Other Comfort Plus Considerations

Due to the insulation properties of Comfort Plus, it may be prone to condensation. Adequate ventilation will eliminate this.

Double Glazing

Double Glazed Timber Door & Windows offer an R Value of 0.36, which is well in excess of the minimum requirements set out in clause H1 of the building code.

Double Glazed units or IGUs (Insulated glass units) are available in a variety of specifications, depending on what level of insulation is required. The table below shows the relative R values of different specifications in timber frames:

IGU Specification	R Value
Clear - Air Space - Clear	0.36
Clear - Air Space - Low E	0.48
Clear - Argon Gas - Low E	0.53

What finishes are available in Double Glazed Units?

IGUs are available in all the same finishes as Low E and standard glass as listed at the top of this page.

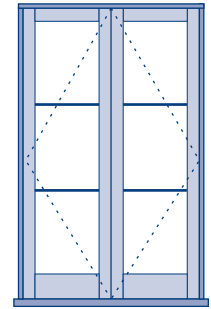
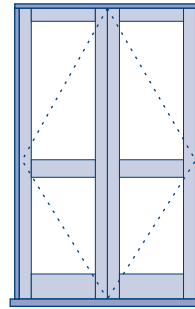
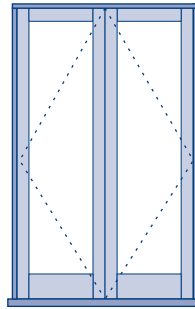
You will also see from the above table that even higher insulation values can be obtained by using Low E glass in an IGU.

'Multi lite' IGUs are available upon request. A single IGU is normally used for the whole window sash with an internal spacer bar to emulate a colonial sash. Please ask us for more information about these.

Both single and double glazed doors can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

Trendlite Single Glazed

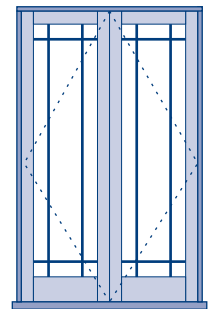
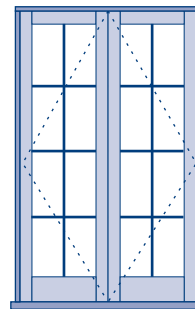
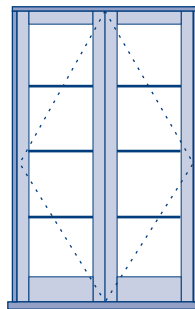
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 145x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.



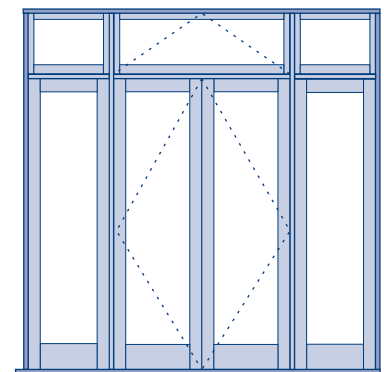
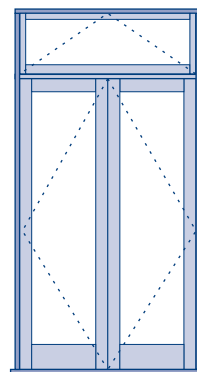
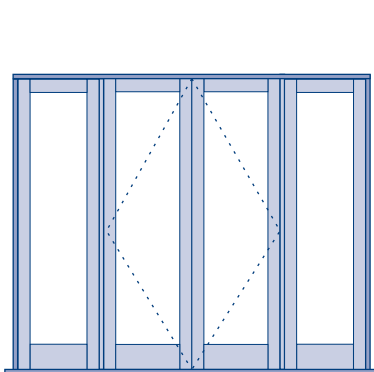
Code	BVF1	BVF2	BVF3
Min Height	2030mm	2030mm	2030mm
Max Height	2400mm	2400mm	2400mm
Min Width	970mm	970mm	970mm
Max Width	1670mm	1670mm	1670mm
'R' Value - Single Glaze (6.38 Laminite Clear 'Low E' Glass)	0.27	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36	0.36

Insulite Double Glazed

Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.



Code	BVF4	BVF8	BVF9
Min Height	2030mm	2030mm	2030mm
Max Height	2400mm	2400mm	2400mm
Min Width	970mm	1170mm	1370mm
Max Width	1670mm	1670mm	1670mm
'R' Value - Single Glaze (6.38 Laminite Clear 'Low E' Glass)	0.27	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36	0.36



Code	BVF1 2S	BVF1 1F	BVF1 2SF
Min Height	2030mm	2100mm	2100mm
Max Height	2400mm	2700mm	2700mm
Min Width	1970mm	970mm	1970mm
Max Width	3370mm	1670mm	3370mm
'R' Value - Single Glaze (6.38 Laminite Clear 'Low E' Glass)	0.27	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36	0.36

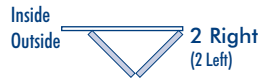
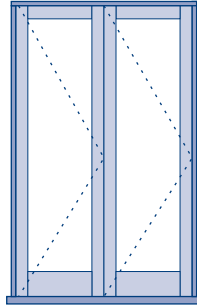
Both single and double glazed doors can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

Code: BVBFD2

Min Height: 2100mm
 Max Height: 3000mm
 Min Width: 990mm
 Max Width: 1585mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Trendlite Single Glazed

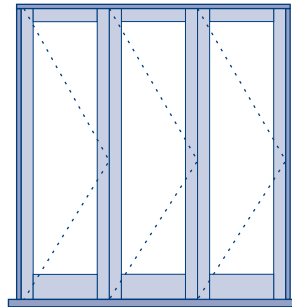
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Code: BVBFD3

Min Height: 2100mm
 Max Height: 3000mm
 Min Width: 1450mm
 Max Width: 2350mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Insulite Double Glazed

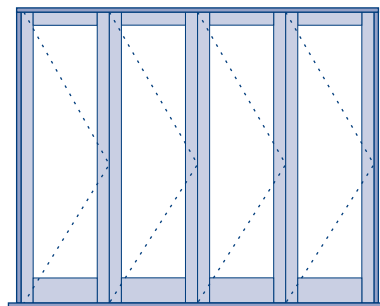
Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.

Code: BVBFD4

Min Height: 2100mm
 Max Height: 3000mm
 Min Width: 2000mm
 Max Width: 3100mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



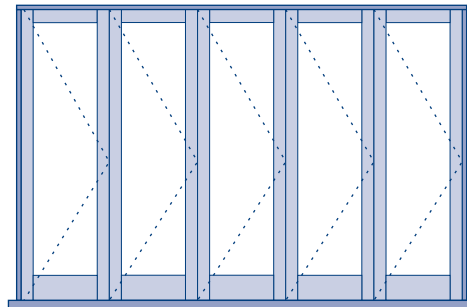
These doors are available as 'multi lites'. Please ask for more details

Code: BVBFD5

Min Height: 2100mm
 Max Height: 3000mm
 Min Width: 2400mm
 Max Width: 3900mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

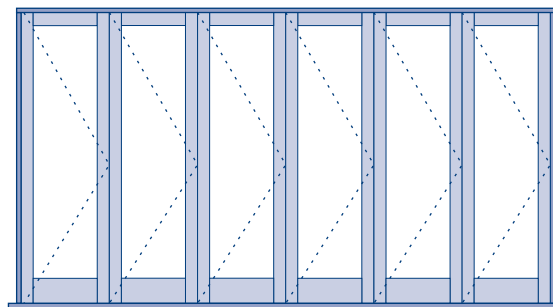


Code: BVBFD6

Min Height: 2100mm
 Max Height: 3000mm
 Min Width: 2900mm
 Max Width: 4600mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



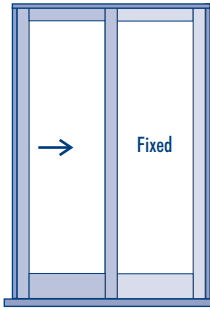
Both single and double glazed doors can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

Code: BVSSD2

Min Height: 2030mm
 Max Height: 2400mm
 Min Width: 1200mm
 Max Width: 3000mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Trendlite Single Glazed

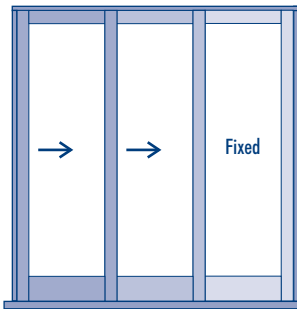
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Code: BVSSD3

Min Height: 2030mm
 Max Height: 2400mm
 Min Width: 1700mm
 Max Width: 4400mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Insulite Double Glazed

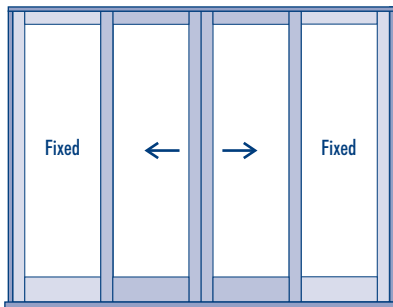
Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.

Code: BVSSD4

Min Height: 2030mm
 Max Height: 2400mm
 Min Width: 2300mm
 Max Width: 5800mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



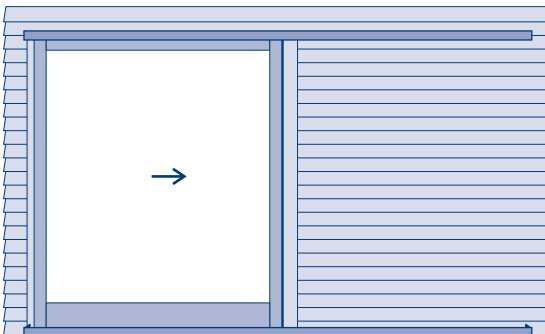
These doors are available as 'multi lites'. Please ask for more details

Code: BVOSD1

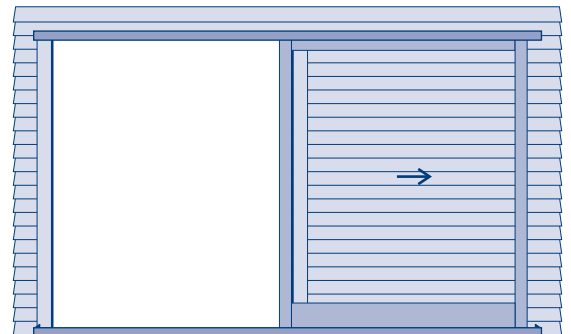
Min Height: 2030mm
 Max Height: 2400mm
 Min Width: 1000mm
 Max Width: 2400mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Closed



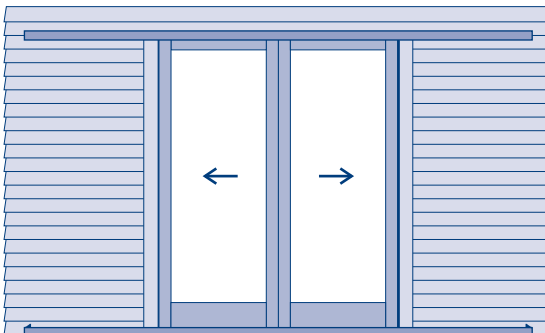
Open

Code: BVOSD2

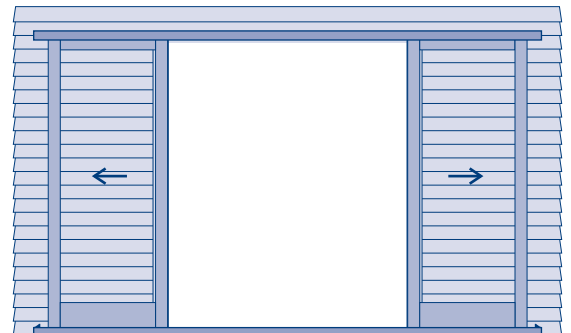
Min Height: 2030mm
 Max Height: 2400mm
 Min Width: 1600mm
 Max Width: 4800mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

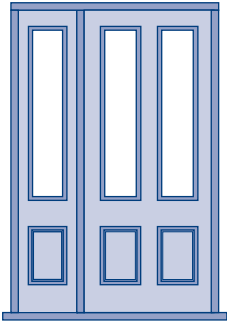


Closed



Open

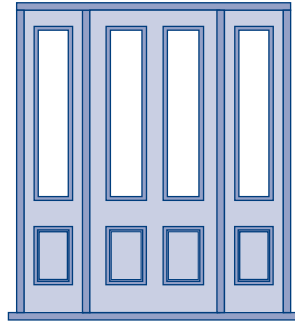
The following entrance door sets are based on 6 of our most popular entrance doors. The doors are all standard sized (2080 x 860mm) with variable width / height side panels & fanlights. The dimensions are overall including jambs and from the top of the frame to the underside of the exterior sill at the wall threshold. The delivery time for each of these items is normally 4 weeks from receipt of order/deposit.



JSD1/1S - Paint Quality

Pre Hung JSD1 Entrance Door with Fixed Side Light to match

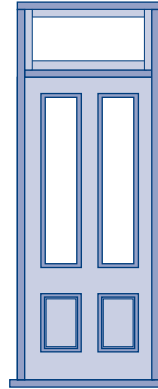
Overall Height	2150mm
Minimum width	1230mm
Maximum Width	1420mm



JSD1/2S - Paint Quality

Pre Hung JSD1 Entrance Door with 2 Fixed Side Lights to match

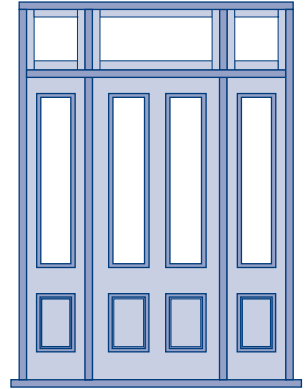
Overall Height	2150mm
Minimum width	1540mm
Maximum Width	1920mm



JSD1/1F - Paint Quality

Pre Hung JSD1 Entrance Door with Fixed Fanlight Window over.

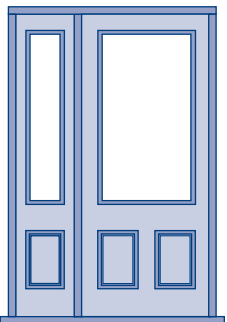
Minimum Height	2490mm
Maximum Height	2640mm
Overall Width	920mm



JSD1/2SF - Paint Quality

Pre Hung JSD1 Entrance Door with 2 Fixed Side Lights to match and Fixed Fanlight Windows over.

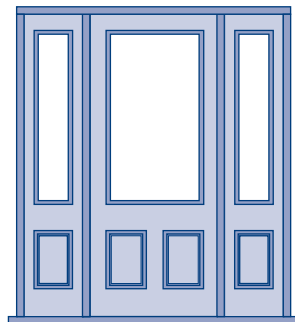
Minimum Height	2490mm
Maximum Height	2640mm
Minimum width	1540mm
Maximum Width	1920mm



JSD2/1S - Paint Quality

Pre Hung JSD2 Entrance Door with Fixed Side Light to match

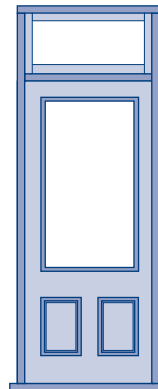
Overall Height	2150mm
Minimum width	1230mm
Maximum Width	1420mm



JSD2/2S - Paint Quality

Pre Hung JSD2 Entrance Door with 2 Fixed Side Lights to match

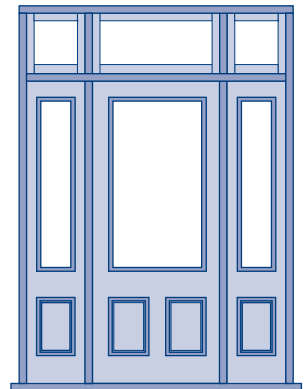
Overall Height	2150mm
Minimum width	1540mm
Maximum Width	1920mm



JSD2/1F - Paint Quality

Pre Hung JSD2 Entrance Door with Fixed Fanlight Window over

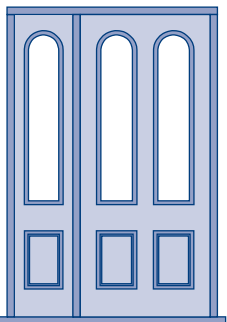
Minimum Height	2490mm
Maximum Height	2640mm
Overall Width	920mm



JSD2/2SF - Paint Quality

Pre Hung JSD2 Entrance Door with 2 Fixed Side Lights to match and Fixed Fanlight Windows over.

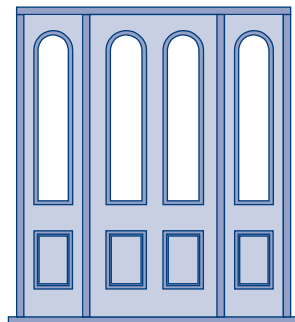
Minimum Height	2490mm
Maximum Height	2640mm
Minimum width	1540mm
Maximum Width	1920mm



JSD3/1S - Paint Quality

Pre Hung JSD3 Entrance Door with Fixed Side Light to match

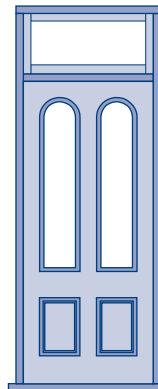
Overall Height	2150mm
Minimum width	1230mm
Maximum Width	1420mm



JSD3/2S - Paint Quality

Pre Hung JSD3 Entrance Door with 2 Fixed Side Lights to match

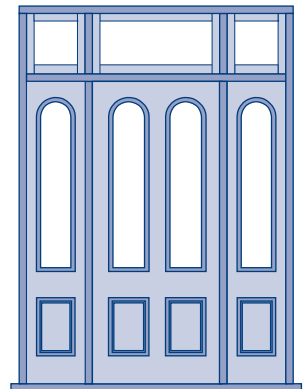
Overall Height	2150mm
Minimum width	1540mm
Maximum Width	1920mm



JSD3/1F - Paint Quality

Pre Hung JSD3 Entrance Door with Fixed Fanlight Window over.

Minimum Height	2490mm
Maximum Height	2640mm
Overall Width	920mm

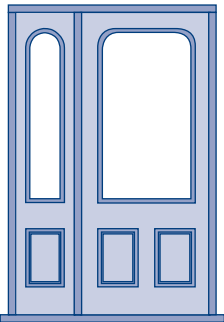


JSD3/2SF - Paint Quality

Pre Hung JSD3 Entrance Door with 2 Fixed Side Lights to match and Fixed Fanlight Windows over.

Minimum Height	2490mm
Maximum Height	2640mm
Minimum width	1540mm
Maximum Width	1920mm

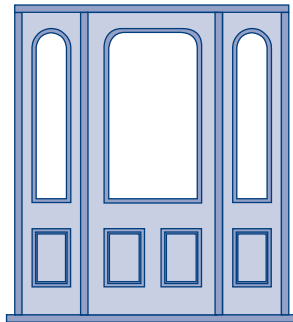
The following entrance door sets are based on 6 of our most popular entrance doors. The doors are all standard sized (2080 x 860mm) with variable width / height side panels & fanlights. The dimensions are overall including jambs and from the top of the frame to the underside of the exterior sill at the wall threshold. The delivery time for each of these items is normally 4 weeks from receipt of order/deposit.



JSD4/1S - Paint Quality

Pre Hung JSD4 Entrance Door with Fixed Side Light to match

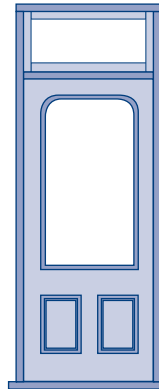
Overall Height	2150mm
Minimum width	1230mm
Maximum Width	1420mm



JSD4/2S - Paint Quality

Pre Hung JSD4 Entrance Door with 2 Fixed Side Lights to match

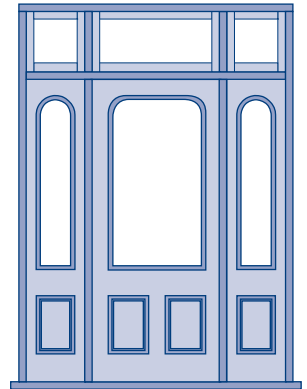
Overall Height	2150mm
Minimum width	1540mm
Maximum Width	1920mm



JSD4/1F - Paint Quality

Pre Hung JSD4 Entrance Door with Fixed Fanlight Window over.

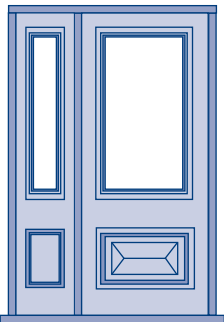
Minimum Height	2490mm
Maximum Height	2640mm
Overall Width	920mm



JSD4/2SF - Paint Quality

Pre Hung JSD4 Entrance Door with 2 Fixed Side Lights to match and Fixed Fanlight Windows over.

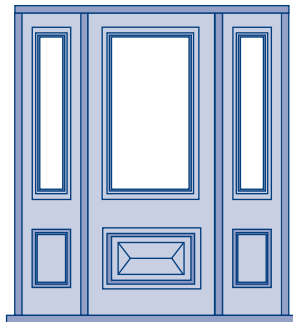
Minimum Height	2490mm
Maximum Height	2640mm
Minimum width	1540mm
Maximum Width	1920mm



JSD22/1S - Paint Quality

Pre Hung JSD22 Entrance Door with Fixed Side Light to match

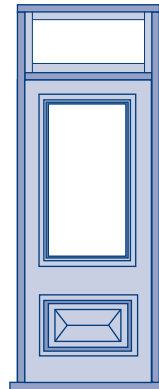
Overall Height	2150mm
Minimum width	1245mm
Maximum Width	1420mm



JSD22/2S - Paint Quality

Pre Hung JSD22 Entrance Door with 2 Fixed Side Lights to match

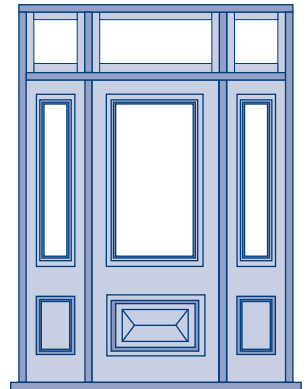
Overall Height	2150mm
Minimum width	1570mm
Maximum Width	1920mm



JSD22/1F - Paint Quality

Pre Hung JSD22 Entrance Door with Fixed Fanlight Window over.

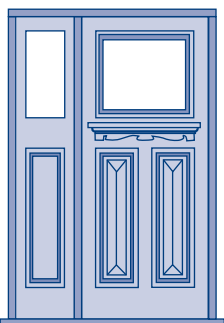
Minimum Height	2490mm
Maximum Height	2640mm
Overall Width	920mm



JSD22/2SF - Paint Quality

Pre Hung JSD22 Entrance Door with 2 Fixed Side Lights to match and Fixed Fanlight Windows over.

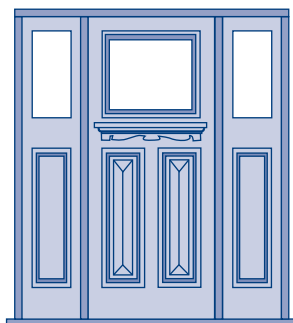
Minimum Height	2490mm
Maximum Height	2640mm
Minimum width	1540mm
Maximum Width	1920mm



JSD21/1S - Paint Quality

Pre Hung JSD21 Entrance Door with Fixed Side Light to match

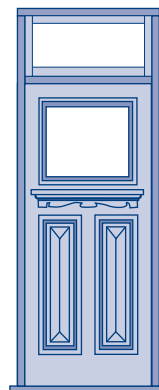
Overall Height	2150mm
Minimum width	1245mm
Maximum Width	1420mm



JSD21/2S - Paint Quality

Pre Hung JSD21 Entrance Door with 2 Fixed Side Lights to match

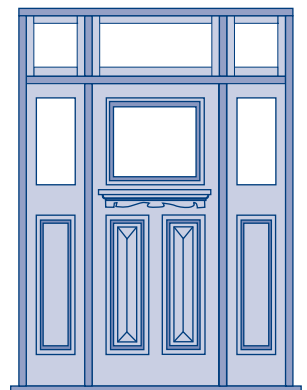
Overall Height	2150mm
Minimum width	1570mm
Maximum Width	1920mm



JSD21/1F - Paint Quality

Pre Hung JSD21 Entrance Door with Fixed Fanlight Window over.

Minimum Height	2490mm
Maximum Height	2640mm
Overall Width	920mm



JSD21/ 2SF - Paint Quality

Pre Hung JSD21 Entrance Door with 2 Fixed Side Lights to match and Fixed Fanlight Windows over.

Minimum Height	2490mm
Maximum Height	2640mm
Minimum width	1540mm
Maximum Width	1920mm

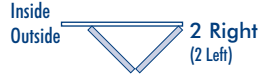
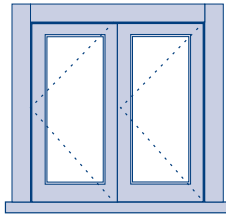
Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

Code: BVBFW2

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 1100mm
 Max Width: 1400mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Trendlite Single Glazed

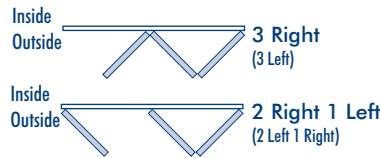
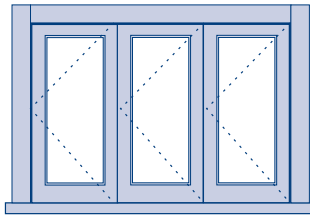
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Code: BVBFW3

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 1600mm
 Max Width: 2100mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Insulite Double Glazed

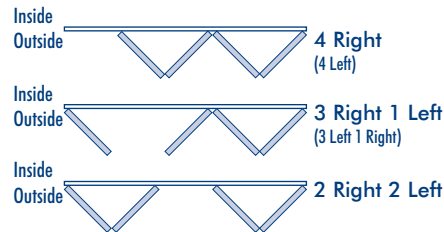
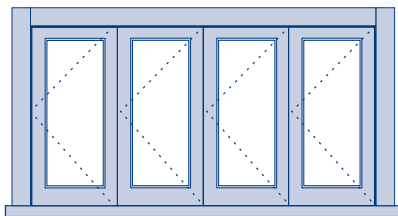
Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.

Code: BVBFW4

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 2100mm
 Max Width: 2800mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



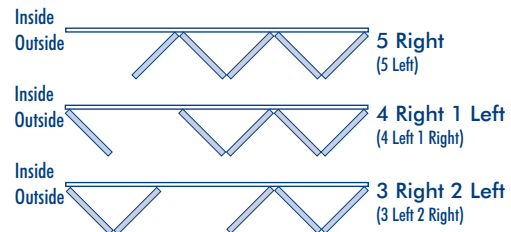
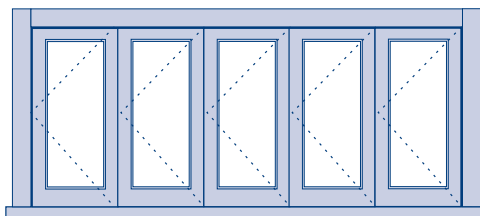
These doors are available as 'multi lites'. Please ask for more details

Code: BVBFW5

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 2600mm
 Max Width: 3500mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

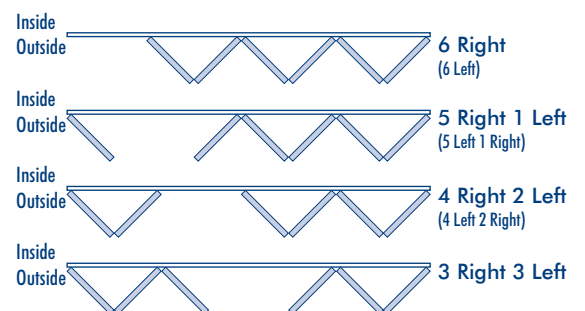
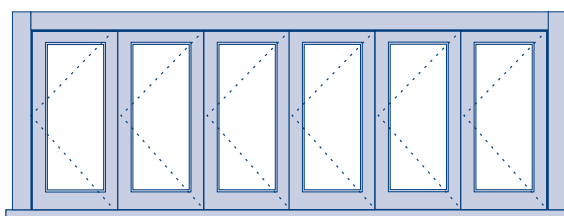


Code: BVBFW6

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 3100mm
 Max Width: 4200mm

'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)

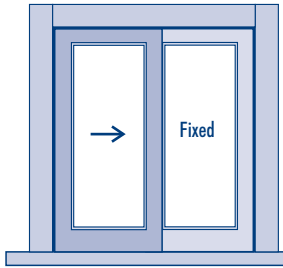
'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

Code: BVSSW2

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 1110mm
 Max Width: 3000mm
 'R' Value Single Glaze 0.27
 (6.38 Laminate Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

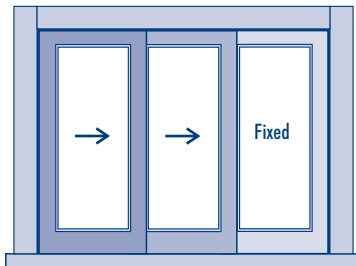


Trendlite Single Glazed

Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Code: BVSSW3

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 1620mm
 Max Width: 3600mm
 'R' Value Single Glaze 0.27
 (6.38 Laminate Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

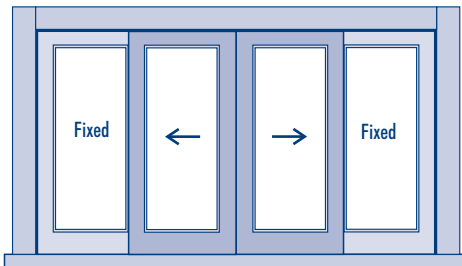


Insulite Double Glazed

Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.

Code: BVSSW4

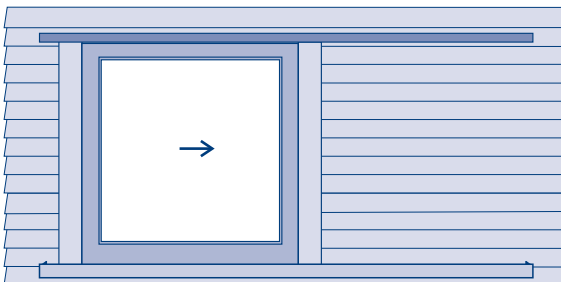
Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 2200mm
 Max Width: 4800mm
 'R' Value Single Glaze 0.27
 (6.38 Laminate Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



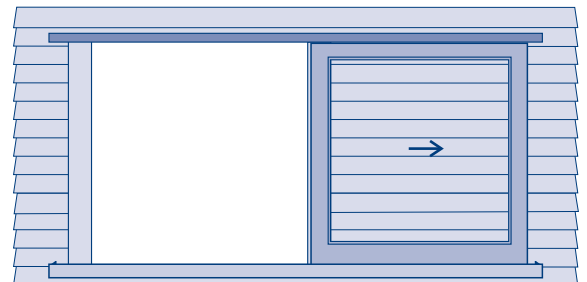
These doors are available as 'multi lites'. Please ask for more details

Code: BVOSW1

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 1000mm
 Max Width: 1500mm
 'R' Value Single Glaze 0.27
 (6.38 Laminate Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



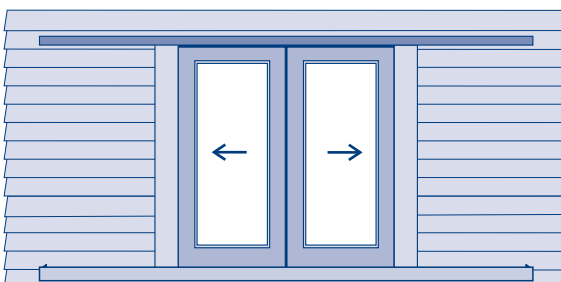
Closed



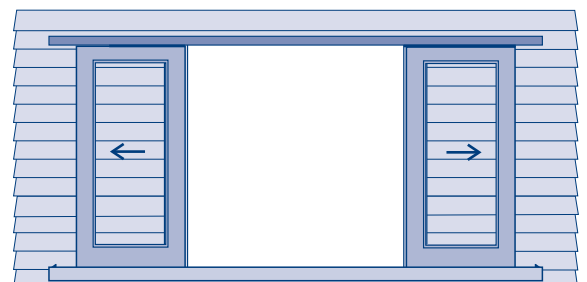
Open

Code: BVOSW2

Min Height: 1000mm
 Max Height: 1600mm
 Min Width: 1200mm
 Max Width: 3000mm
 'R' Value Single Glaze 0.27
 (6.38 Laminate Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Closed



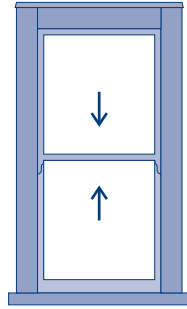
Open

Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions based on counter weight values may apply to some units**

1 'Lite' Double Hung Windows

Trendlite Single Glazed

Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 190 x 22mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

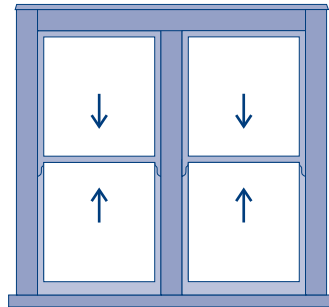


Code: BVDH1

Min Height: 1400mm
 Max Height: 2000mm
 Min Width: 600mm
 Max Width: 1200mm
 'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

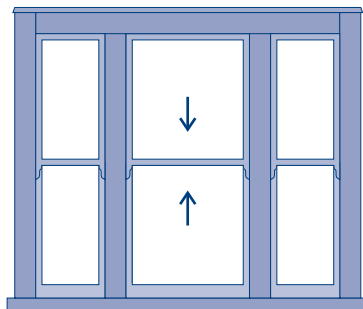
Insulite Double Glazed

Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 190 x 22mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.



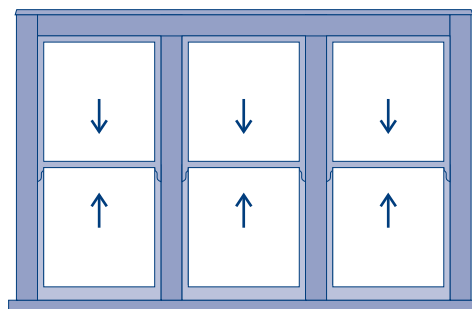
Code: BVDH2

Min Height: 1400mm
 Max Height: 2000mm
 Min Width: 1600mm
 Max Width: 2400mm
 'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



Code: BVDH2.2

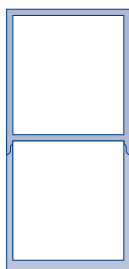
Min Height: 1400mm
 Max Height: 2000mm
 Min Width: 2000mm
 Max Width: 2500mm
 'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)



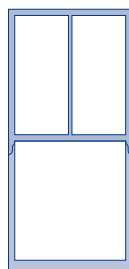
Code: BVDH3

Min Height: 1400mm
 Max Height: 2200mm
 Min Width: 2400mm
 Max Width: 3500mm
 'R' Value Single Glaze 0.27
 (6.38 Laminated Clear 'Low E' Glass)
 'R' Value Double Glaze 0.36
 (4mm Clear, 10 Air, 4mm Clear)

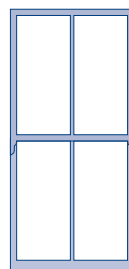
Sash Styles



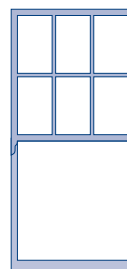
1 Lite



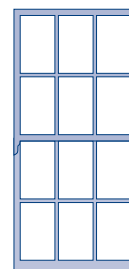
2/1 Lite



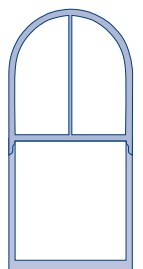
2 Lite



6/1 Lite



6 Lite



Arched 2/1 Lite

Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

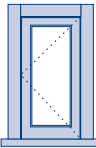
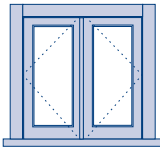
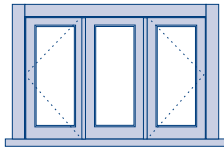
1 'Lite' Windows

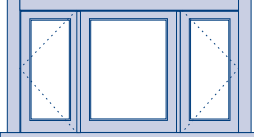
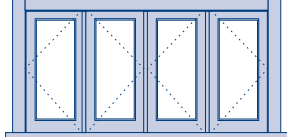
Trendlite Single Glazed

Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 35mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Insulite Double Glazed

Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.

			
Code	BVCW1	BVCW2	BVCW3
Min Height	900mm	900mm	900mm
Max Height	1800mm	1800mm	1800mm
Min Width	300mm	1000mm	1500mm
Max Width	900mm	1600mm	2400mm
'R' Value - Single Glaze (6.38 Laminate Clear 'Low E' Glass)	0.27	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36	0.36

		
Code	BVCW3.1	BVCW4
Min Height	900mm	900mm
Max Height	1800mm	1800mm
Min Width	2300mm	2420mm
Max Width	3500mm	3620mm
'R' Value (6.38 Clear Laminate Low E Glass)	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36

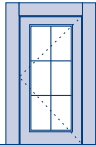
6 'Lite' Windows

Trendlite Single Glazed

Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 35mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Insulite Double Glazed

Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.

			
Code	BVCW1C	BVCW2C	BVCW3C
Min Height	900mm	900mm	900mm
Max Height	1800mm	1800mm	1800mm
Min Width	600mm	1200mm	1800mm
Max Width	900mm	1600mm	2400mm
'R' Value - Single Glaze (6.38 Laminate Clear 'Low E' Glass)	0.27	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36	0.36

		
Code	BVCW3.1C	BVCW4C
Min Height	900mm	900mm
Max Height	1800mm	1800mm
Min Width	2300mm	2420mm
Max Width	3500mm	3620mm
'R' Value (6.38 Clear Laminate Low E Glass)	0.27	0.27
'R' Value - Double Glaze (4mm Clear, 10 Air, 4mm Clear)	0.36	0.36

Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

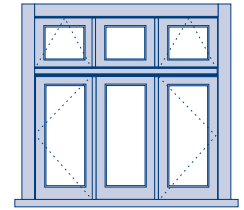
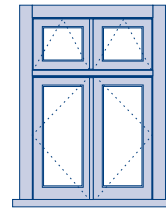
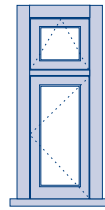
1 'Lite' Windows

Trendlite Single Glazed

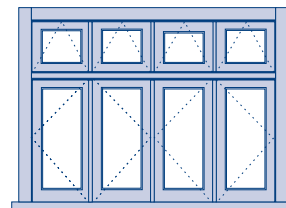
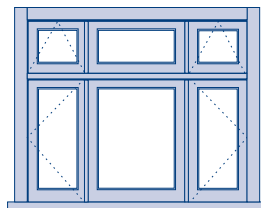
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 35mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Insulite Double Glazed

Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Stainless Steel Hinges
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.



Code	BVBW1	BVBW2	BVCW3
Min Height	1400mm	1400mm	1400mm
Max Height	1800mm	1800mm	1800mm
Min Width	460mm	1100mm	1660mm
Max Width	710mm	1410mm	2110mm
'R' Value - Single Glaze	0.27	0.27	0.27
(6.38 Laminated Clear 'Low E' Glass)			
'R' Value - Double Glaze	0.36	0.36	0.36
(4mm Clear, 10 Air, 4mm Clear)			



Code	BVCW3.1	BVCW4
Min Height	1400mm	1400mm
Max Height	1800mm	1800mm
Min Width	2000mm	2200mm
Max Width	2500mm	2820mm
'R' Value	0.27	0.27
(6.38 Clear Laminated Low E Glass)		
'R' Value - Double Glaze	0.36	0.36
(4mm Clear, 10 Air, 4mm Clear)		

Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency. **Please note that some size restrictions may apply to larger 'Insulite' units.**

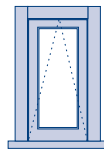
1 Lite Windows

Trendlite Single Glazed

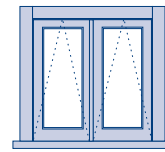
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 35mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Friction Stays
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Insulite Double Glazed

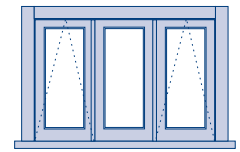
Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Friction Stays
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.



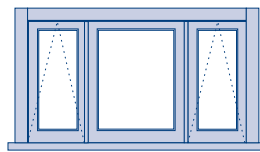
Code	BVAW1
Min Height	600mm
Max Height	1800mm
Min Width	300mm
Max Width	900mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



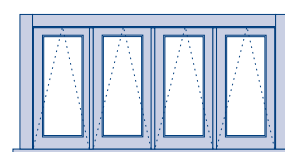
Code	BVAW2
Min Height	600mm
Max Height	1800mm
Min Width	1000mm
Max Width	1600mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



Code	BVAW3
Min Height	600mm
Max Height	1800mm
Min Width	1500mm
Max Width	2400mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



Code	BVAW3.1
Min Height	600mm
Max Height	1800mm
Min Width	2300mm
Max Width	3500mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



Code	BVAW4
Min Height	600mm
Max Height	1800mm
Min Width	2420mm
Max Width	3620mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27

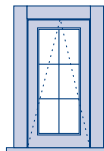
6 Lite Windows

Trendlite Single Glazed

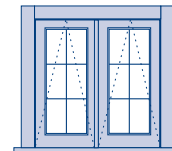
Sash: Paint Quality Cedar, 42mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 35mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Friction Stays
 Draught Seals: Aquamac White included.
Glazing: Suitable for Single Glazed units up to 8.38mm thick.

Insulite Double Glazed

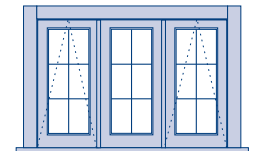
Sash: Paint Quality Cedar, 56mm
 Frame: Paint Quality H3.2/H3.1 Pine
 Jamb: 145 x 42mm
 Sill: Standard Open Out
 Facings: 140x18 Flat
 Prime: 1 Coat Oil Based Primer
 Hardware: Friction Stays
 Draught Seals: Aquamac White included.
Glazing: Suitable for Double Glazed units up to 21mm thick.



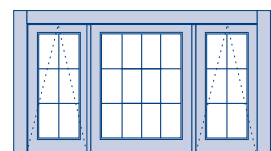
Code	BVAW1C
Min Height	900mm
Max Height	1800mm
Min Width	300mm
Max Width	900mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



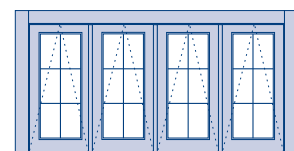
Code	BVAW2C
Min Height	900mm
Max Height	1800mm
Min Width	1000mm
Max Width	1600mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



Code	BVAW3C
Min Height	900mm
Max Height	1800mm
Min Width	1500mm
Max Width	2400mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



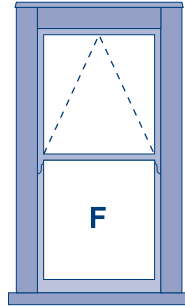
Code	BVAW3.1C
Min Height	900mm
Max Height	1800mm
Min Width	2300mm
Max Width	3500mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27



Code	JSAW4C
Min Height	900mm
Max Height	1800mm
Min Width	2420mm
Max Width	3620mm
'R' Value (6.38 Clear Laminated Low E Glass)	0.27

Both single and double glazed windows can be ordered glazed or unglazed. The 'R' values shown are from NZ Standard NZS 4218:2004 for Energy Efficiency.

Villa Awning Windows are an alternative to Double Hung Windows. They have the same visual appearance but they feature an awning opening top sash and a fixed bottom sash. They are popular as bedroom windows and first floor windows.

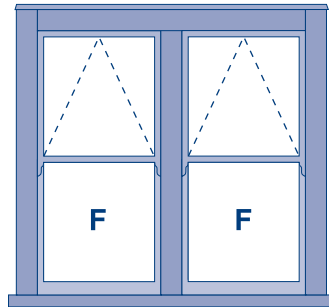


Code: BVVA1

Min Height:	1000mm
Max Height:	2400mm
Min Width:	350mm
Max Width:	1200mm
'R' Value Single Glaze 0.27 (6.38 Laminated Clear 'Low E' Glass)	
'R' Value Double Glaze 0.36 (4mm Clear, 10 Air, 4mm Clear)	

Trendlite Single Glazed

Sash:	Paint Quality Cedar, 42mm
Frame:	Paint Quality H3.2/H3.1 Pine
Jamb:	190 x 22mm
Sill:	Standard Open Out
Facings:	140x18 Flat
Prime:	1 Coat Oil Based Primer
Hardware:	Friction Stays
Draught Seals:	Aquamac White included.
Glazing:	Suitable for Single Glazed units up to 8.38mm thick.

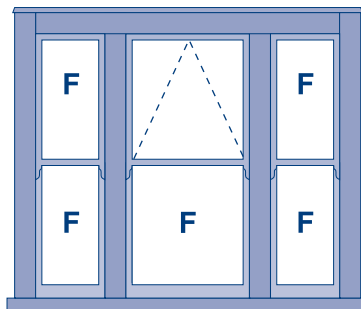


Code: BVVA2

Min Height:	1000mm
Max Height:	2400mm
Min Width:	900mm
Max Width:	2400mm
'R' Value Single Glaze 0.27 (6.38 Laminated Clear 'Low E' Glass)	
'R' Value Double Glaze 0.36 (4mm Clear, 10 Air, 4mm Clear)	

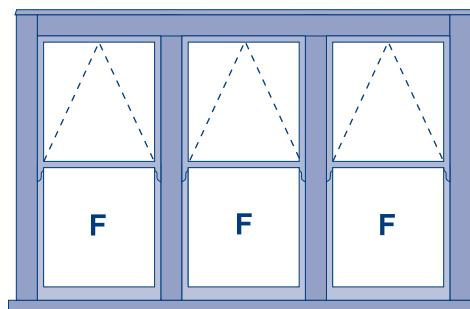
Insulite Double Glazed

Sash:	Paint Quality Cedar, 56mm
Frame:	Paint Quality H3.2/H3.1 Pine
Jamb:	190 x 22mm
Sill:	Standard Open Out
Facings:	140x18 Flat
Prime:	1 Coat Oil Based Primer
Hardware:	Friction Stays
Draught Seals:	Aquamac White included.
Glazing:	Suitable for Double Glazed units up to 21mm thick.



Code: BVVA2.2

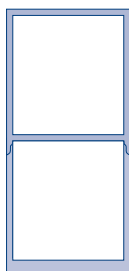
Min Height:	1000mm
Max Height:	2400mm
Min Width:	2000mm
Max Width:	2500mm
'R' Value Single Glaze 0.27 (6.38 Laminated Clear 'Low E' Glass)	
'R' Value Double Glaze 0.36 (4mm Clear, 10 Air, 4mm Clear)	



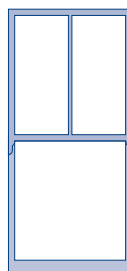
Code: BVVA3

Min Height:	1000mm
Max Height:	2400mm
Min Width:	1600mm
Max Width:	4000mm
'R' Value Single Glaze 0.27 (6.38 Laminated Clear 'Low E' Glass)	
'R' Value Double Glaze 0.36 (4mm Clear, 10 Air, 4mm Clear)	

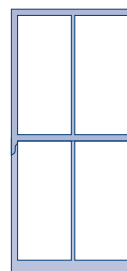
Sash Styles



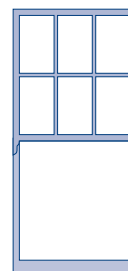
1 Lite



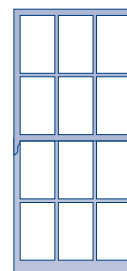
2/1 Lite



2 Lite



6/1 Lite



6 Lite

GLOSSARY OF JOINERY & HARDWARE TERMS

The building and construction industry has a lot of terms of the trade or jargon. The glossary of terms has been put together to help take away some of the mystery. If there is something that you don't understand, please ask - we will be more than happy to explain anything that causes confusion.

JOINERY

Awning or Top Hung:

Open out window sash, top hung on butt hinges or fitted with friction stays to push outwards. Friction stays used if lower sashes are opening

Bay Window:

A window that projects outwards from a wall. Various shapes exist, such as : Splay Bay, Square or 90° Bay, Segmental Bay (maybe termed as a Circular or Bow Window if sill front is curved.

Borrowed Lite:

A window or glazed area situated in an internal wall to admit daylight from an adjoining room , corridor, hallway or an enclosed lightwell.

Casement or Side Hung:

Open out window sash side hung on butt hinges or sometimes fitted with friction stays top and bottom.

Clerestory Window (clear-storey window):

A window placed high in a wall that projects above the roof line of an adjoining part of the building.

Door:

The inner component of a door unit which is glazed or paneled and hung.

Dormer Window:

A window projecting through the plane of the roof, set vertically with cheeks (side walls) and its' own roof

Double Hung:

Vertically sliding upper and lower sashes counter balanced by weights or spiral (spring) balances. A more economical option is a single hung which has one sash fixed in place.

Drip Groove:

A groove cut into the underside of a projecting moulding or sill to cause rainwater to drip to the ground.

Fanlight Sash:

Also known as "top-light" or "vent-light". Top hung and open outwards usually above casements, fixed glazing or doors for added light and ventilation.

Frame:

The outer part of a window or door unit that consists of Jambs, Head and Sill, and is fixed to the building. An internal door unit generally has no sill.

Glazing Bar:

Divides panes of glass within a sash or door generally up to 35mm in width. Sometimes Called an Astragal.

Head:

The top member of a joinery frame fixed to a lintel or building.

Horizontal Sliding:

Horizontal sliding sashes or doors within a joinery frame generally on sill tracks and head guides. In some cases sashes and doors slide over the outside faces of the building.

Horn or Joggle:

Decorative shaped extension to the bottom of the stile of upper double hung sashes.

Jamb:

The side member of a joinery frame fixed to stud framing or the building.

Mid Rail:

Horizontal member of varying widths within a door.

Mortice and Tenon Joint:

A recess formed in one member to receive a projection or tenon in another member.

Mullion:

Intermediate vertical member of a joinery frame dividing sashes, doors and sidelights.

Muntin:

A vertical member within a door or wall that divides panels.

Pivot Hung:

Pivoted sash on a horizontal axis at centre of height. Top half opens inwards, bottom half opens outwards.

Sash:

The inner or working part of a window which is glazed and hung or fixed.

Sliding – Folding:

Commonly known as Bi-folding. One or more sets (pairs) of doors or sashes hinged together that slide and fold within the frame supported by overhead rollers and bottom guides.

Stile:

Vertical side members of a door or sash.

Top Rail:

Horizontal top member of a door or sash.

Transom:

Intermediate horizontal member of a joinery frame generally above doors or casement hung sashes and fanlights or top-lights.

Window Sill-Board:

The internal top member of a Window Sill and is fitted after window installation.

Window Sill:

The bottom member of a joinery frame fixed to the building that the sash closes onto.

HARDWARE

Escutcheon:

A decorative cover plate for key holes, generally round or oval, and in some cases has an additional swinging cover plate to hide the key hole.

Fitch Fastener:

Catch used to secure double-hung sashes at meeting rails.

Flush Bolt:

Slide or lever action bolt recessed flush into face of a door, sash or gate to secure in place.

Mortice Lock:

Latch and keyed lock that fits into a mortice in the edge of a door. Has varying levels of security depending upon locking mechanism i.e levers or pins.

Quadrant Stay:

Crescent shaped stay with a wing nut for locking. Used mainly on fanlight or top-hung sashes.

Rim Lock:

Lock fixed to face of door at edge with striker on the jamb.

Sash Lift:

A shaped metal bracket that is fixed to the inside bottom rail of a double-hung window's lower sash to aid lifting of the sash.

Spur Fastener:

Hook and Strike type catch to latch awning hung type sashes.

Barrel Bolt or Necked Bolt:

Straight or necked sliding shoot type bolt for fixing door, sash or gate into place. Face fixed to door, sash etc.

Flush Slide Bolt:

Same format as the Barrel / Necked Bolt but barrel portion on reverse of face plate.