

Technical Product Guide

Flush Casement Windows	2 - 13
Dual Turn Windows	14 - 21
Lipped Casement Windows	22 - 32
Sliding Sash Windows – Cords & Weights	33 - 42
Sliding Sash Windows – Spiral Balance	43 - 52
Heritage Casement Windows	53 - 59
Heritage Sliding Sash Windows – Cords & Weights	60 - 66
Heritage Sliding Sash Windows – Spiral Balance	67 - 72
Crafted Doors	73 - 84
Heritage Doors	85 - 96
Scotdoor Composite Entrance Doors	97 - 106
Crafted Stable Doors	107 - 116
Scotdoor Stable Doors	117 - 126
Nordic Alu Clad Windows	127 - 143
Nordic Alu Clad Sliding Doors	144 - 152
Nordic Alu Clad Entrance Doors	153 - 162



Flush Casement Windows



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors



*Flush casement
– internally beaded*

Opening options



*Top-hung
(Top-guided)*



*Side-hung
(Side-guided)*



Fully reversible



*Fixed light /
Fixed sash*

Top-hung

The window can be externally or internally beaded. The hinge can be restricted or unrestricted. The opening angle of the top-hung window depends on the size of the window but is between 38 degrees and up to 67 degrees. The smaller the window the bigger the opening angle.

Side-hung

The window can be externally or internally beaded. The hinge can be restricted or unrestricted. The opening angle of the side-hung window is up to 58 degrees. Side-hung windows have a black riser block fitted between sash and sole.

Fully reversible

The window can only be externally beaded. The sash is restricted during opening by a restrictor lever built into one of the hinges. Pressing the lever will allow the sash to open further and allows it to reverse on the concealed PN hinge, which allows for cleaning from the inside. The hinge opens to a maximum of 170 degrees (flush casement only)

Fixed light / fixed sash (dummy sash)

The flush casement is also available as a fixed light (fixed pane of glass in a frame) or as a fixed sash. The fixed sash is an unopenable sash in a frame. The fixed sash looks like an openable window from the outside.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed and laminated)
- Hardwood: Clear faced (for stain colours only)

Design features

Low-level handle

The option of a low-level handle is available on side-hung windows only. The handle will be fitted 275mm from the bottom of the sash. Max height for windows with low-level handles is 1540mm

Fire egress windows

Side-hung windows with fire egress do not have a fixed mullion. Both sashes can be opened. A shadow groove creates the appearance of an equal divide between the primary and secondary sash. The shadow groove is situated on the inside of the

secondary sash and on the outside of the primary. Windows with fire egress can only have an equal divide (both sashes same size).

On estimates and order confirmations Fire Egress is explained as follows: Fire Egress (no fixed mullion).

To comply with fire egress regulations you must have a minimum clear opening of 0.33m² (min. 450mm width and height).

Dimensions

- Frame depth: 68mm or 92mm
- Sash depth: 58mm (28mm glazing)
- Gap tolerances around the moving sash: Bottom 10mm, Sides 5mm, Top 5mm

Minimum and maximum sizes

Side-hung

- Minimum width / height 420mm / 460mm
- Maximum width / height 1010mm / 1710mm

Fire egress (outer frame size)

- Minimum width / height 673mm / 900mm

French casement with fire egress

- Minimum width / height 930mm / 586 mm

Top-hung

- Minimum width / height 420mm / 460mm
- Maximum width / height 1460mm / 1610mm

Fully reversible

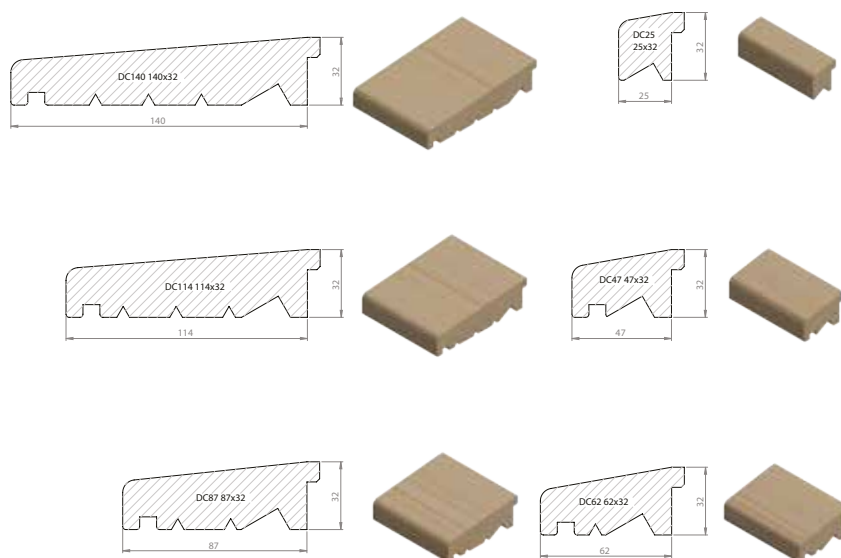
- Minimum width / height 460mm / 456mm
- Maximum width / height 1545mm / 1610mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is defaulted in the product (except on sidelights) but can be removed.

Cill extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the underside of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply internal window cill boards.

Head drips

Products can be delivered with a head drip or prepared for a head drip. The head drip groove is 10mm wide and 7mm deep.

Packers / Frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product.

Finish / Colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we also offer:

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains

Traffic White RAL 9016	Pure White RAL 9010	Cream White RAL 9001	Agate Grey RAL 7038
Pebble Grey RAL 7032	Pastel Turquoise RAL 6034	Chartwell Green NS3010-G20Y	Chocolate Brown RAL 8017
Anthracite Grey RAL 7016	Jet Black RAL 9005		
Mahogany Stain	Cyprus Light Oak Stain	Teak Stain	

Casement window hardware



Cranked handles

White, chrome, gold, graphite, antique black, black



Monkey tail handles

Chrome, gold, graphite, antique black



Teardrop handles

Chrome, gold, graphite, antique black

Trickle vents

Trickle vents can only be fitted to the head of the frame above a sash. They cannot be fitted in a fixed light with no sash. Trickle vents are visible on the inside of the window but concealed from the outside.

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)

Sizes: 250mm, 425mm and 695mm. The 425mm vent is the standard vent.



Double glazing

As a standard, all Casements are supplied with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 w / m²K

Other glazing options available

- Toughened (toughened both sides): Ug 1.2 w / m²K
- Laminated / toughened (laminated out / toughened in): Ug 1.2 w / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

Glazed units over 1350mm high must use toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

Flush casements can be fitted with 28mm low-energy glazing with a black warm edge spacer. The Ug of the triple glazing is 0.8 w / m²K. Triple glazing can also be made toughened.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted on the outside of the glazed unit.

- Lead widths available: 6mm, 9mm and 12mm
- Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure windowpane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Satinovo, Minster, Stippolyte, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available

- Black, warm edge (text printed in light grey)
- White, warm edge (text printed in light grey)
- Silver (not warm edge) (text printed in black)

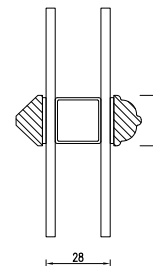
Bonded / Astragal bars

Our Bonded / Astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

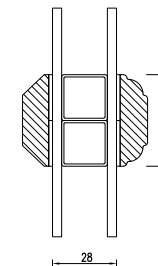
We offer 3 bar widths

- 22mm (standard, made from Q-wood unless it's a Stain Colour)
- 40mm (made from timber)
- 56mm (made from timber)
- Stain Colours: All beads and bars are made from timber

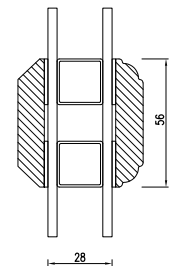
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation.

Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements.

Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of transportation damages or warranty-related issues.

Default ordering settings

- 92mm frame
- 58mm sash
- 28mm low-energy glazing
- Argon gas
- Black warm edge spacer
- White lockable handle
- TV90 Vent (425mm)
- Colour RAL 9016
- Screws: Stainless Steel
- Internal cill board groove
- External 62mm cill extension
- Weatherstrip - White

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint Finish (except stain and black finish), glazed Unit
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

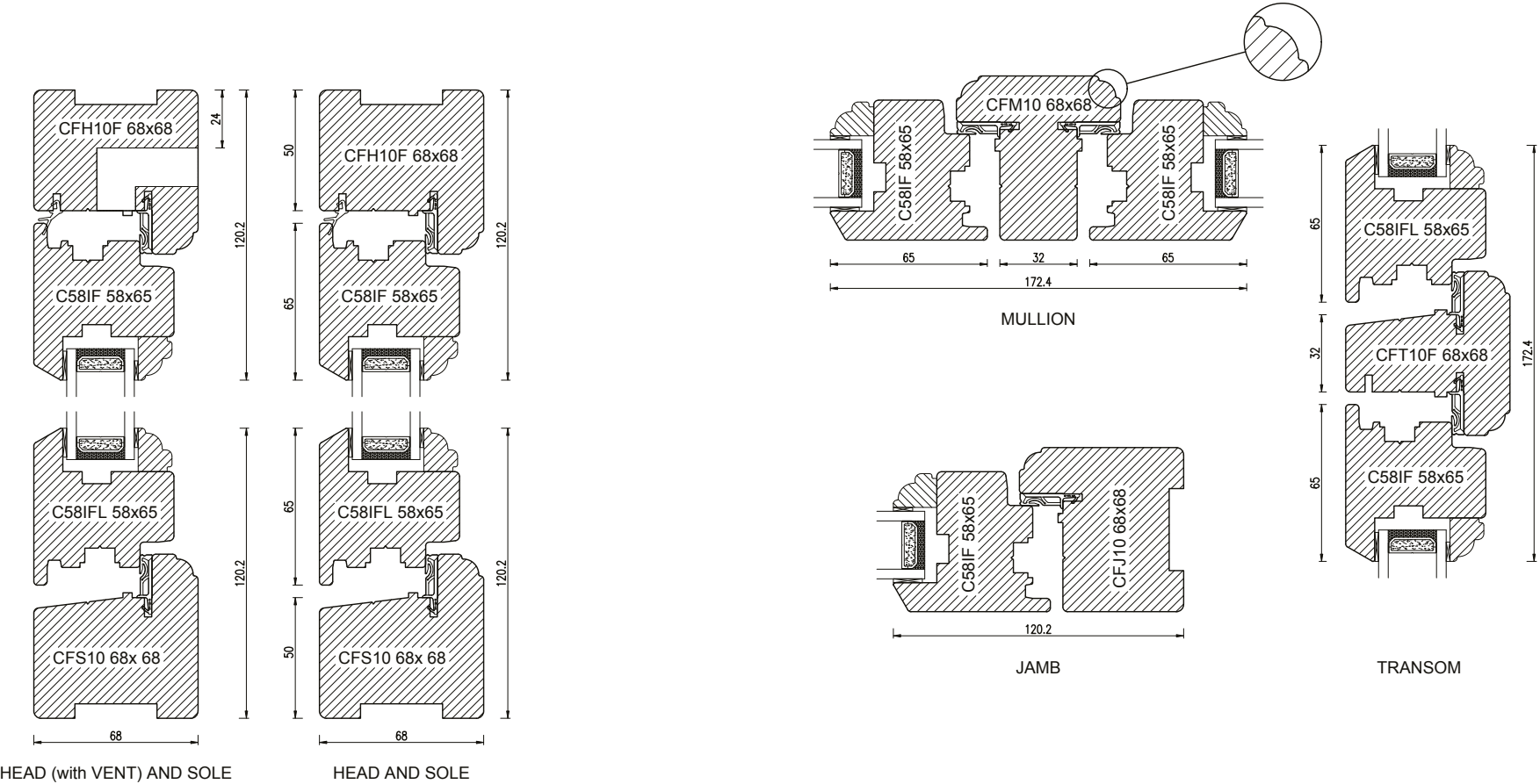
- Secured by Design
- PAS24 (Q-mark)
- ISO9001
- FSC certified wood

Thermal performance

- 1.4 W / m²K (double glazing)
- 1.1 W / m²K with triple glazing (size depending)

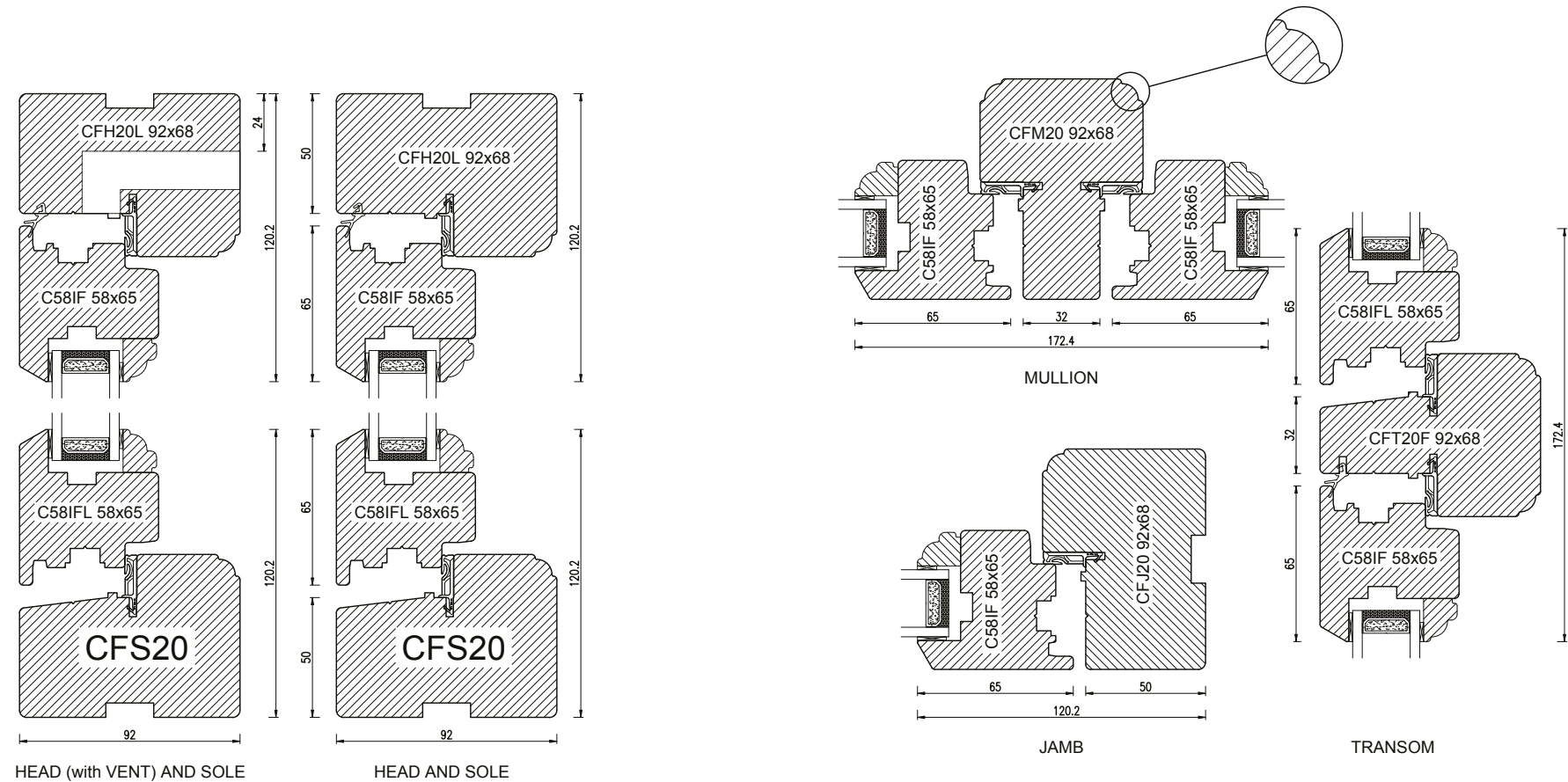
Section drawing - Flush Casement, internally glazed

Internally glazed 68mm flush frame sections



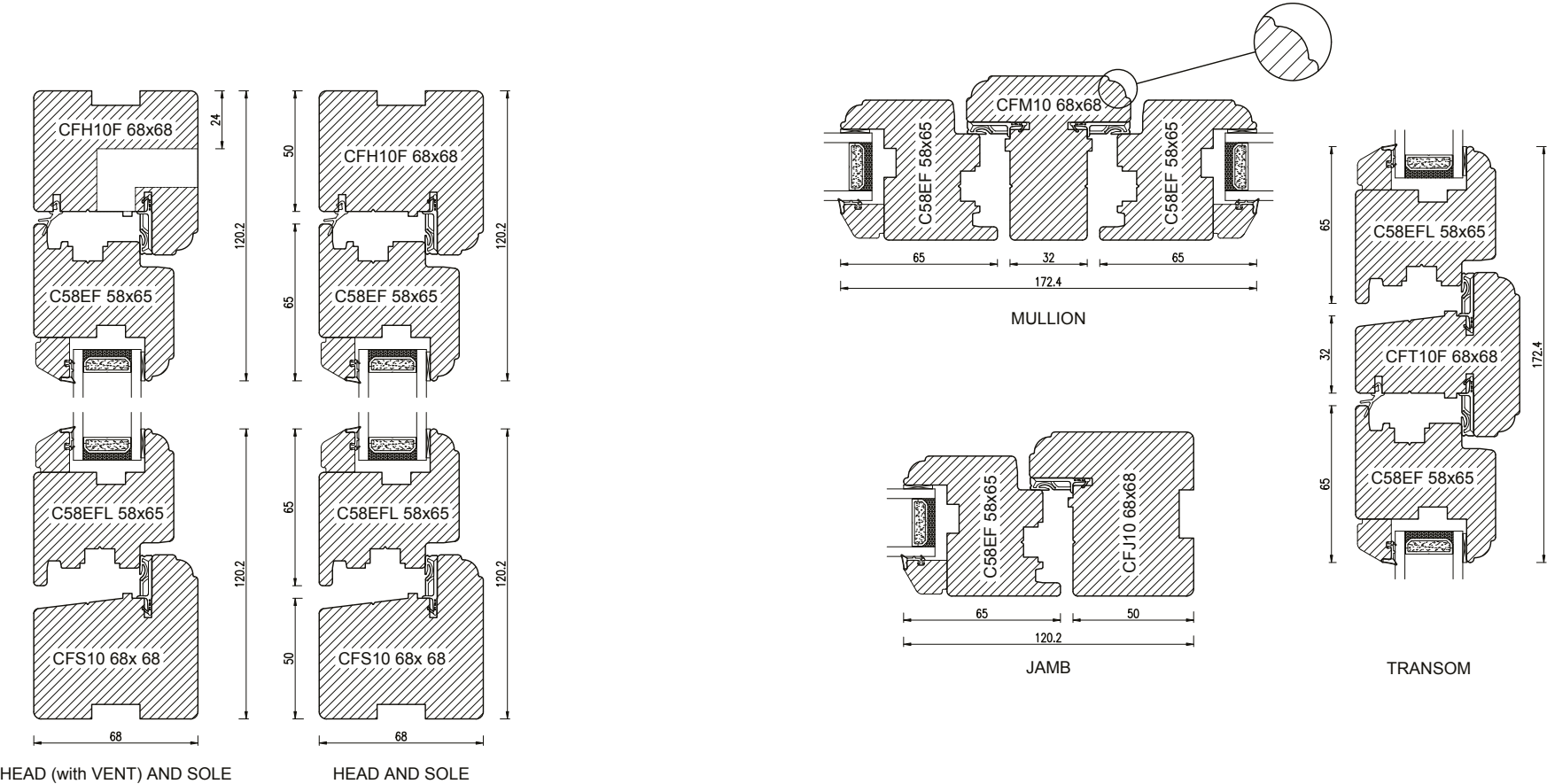
Section drawing - Flush Casement, internally glazed

Internally glazed 92mm flush frame sections



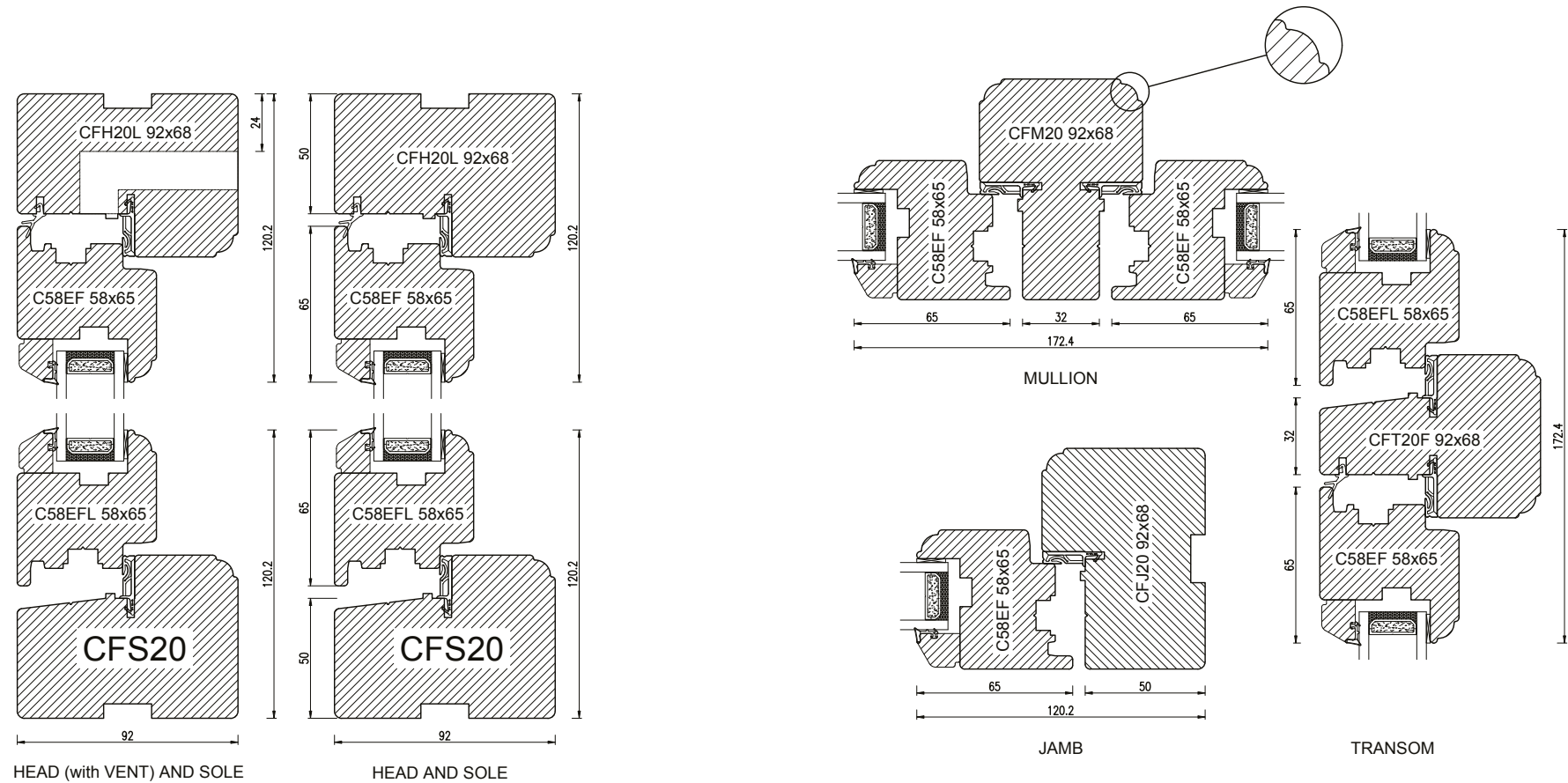
Section drawing - Flush Casement, externally glazed

Externally glazed 68mm flush frame sections

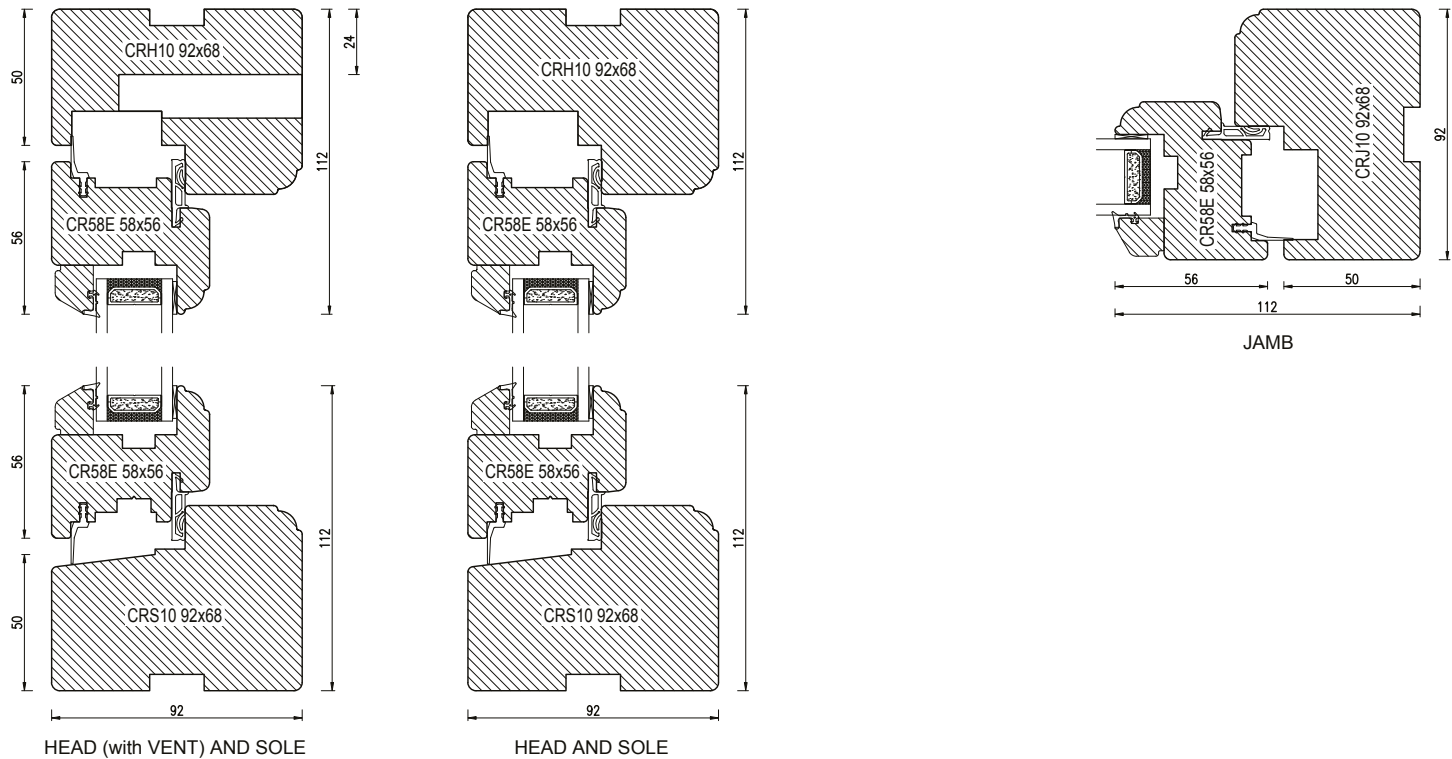


Section drawing - Flush Casement, externally glazed

Externally glazed 92mm flush frame sections



Section drawing - Flush Casement, fully reversible (externally glazed only)



Dual Turn Windows



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

Opening options – Fully reversible

The Dual Turn window is externally beaded. The functionality of the Dual Turn Window allows both sashes to open outwards and then reverse fully for convenient cleaning from inside the property. The hinge is restricted, and the sashes reverse on concealed PN hinges. The hinges open to a maximum of 170 degrees. The window is PAS24 compliant.



Restricted opening



Fully opened

Dual turn fire escape

Special egress hardware can be added, enabling the lower sash to open fully into the room as a safe and easy means of fire escape. The top sash is fully reversible.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for stain colours only)

Design features

The exterior of a Dual Turn Window looks like a classic sliding sash window, with traditional sightlines, narrow profiles, and a setback lower sash.

- Only available as externally glazed
- Horn type A available
- Concealed vent available
- Bonded / astragal bars available



Horn option A

Dimensions

- Frame depth: 140mm
- Meeting rail width: 56mm

Minimum and maximum sizes

With reversible sashes

- Minimum width / height 400mm / 1150mm
- Maximum width / height 1390mm / 2620mm

With side-hung sashes (fire egress)

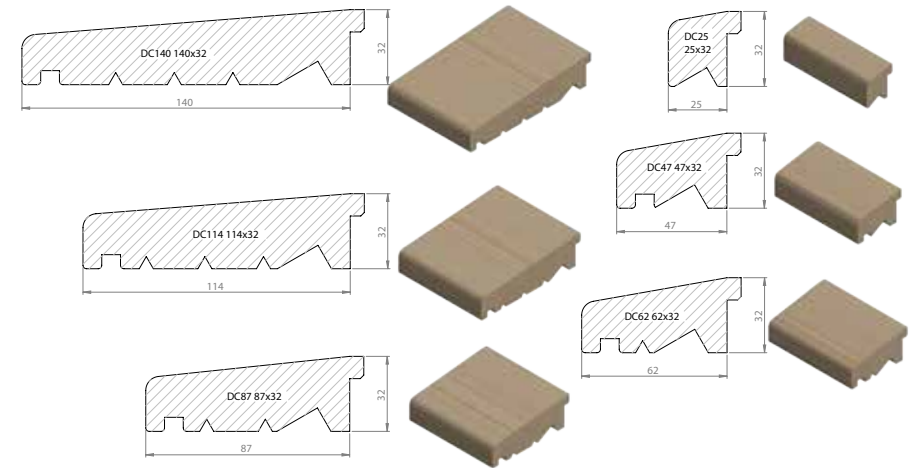
- Minimum width / height 620mm / 1200mm
- Maximum width / height 1250mm / 2620mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is defaulted in the product (except on sidelights) but can be removed.

Cill Extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply the actual window cill boards.

Head drips

Products can be delivered with a head drip or prepared for a head drip. The head drip groove is 10mm high and 7mm deep.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Finish / colours

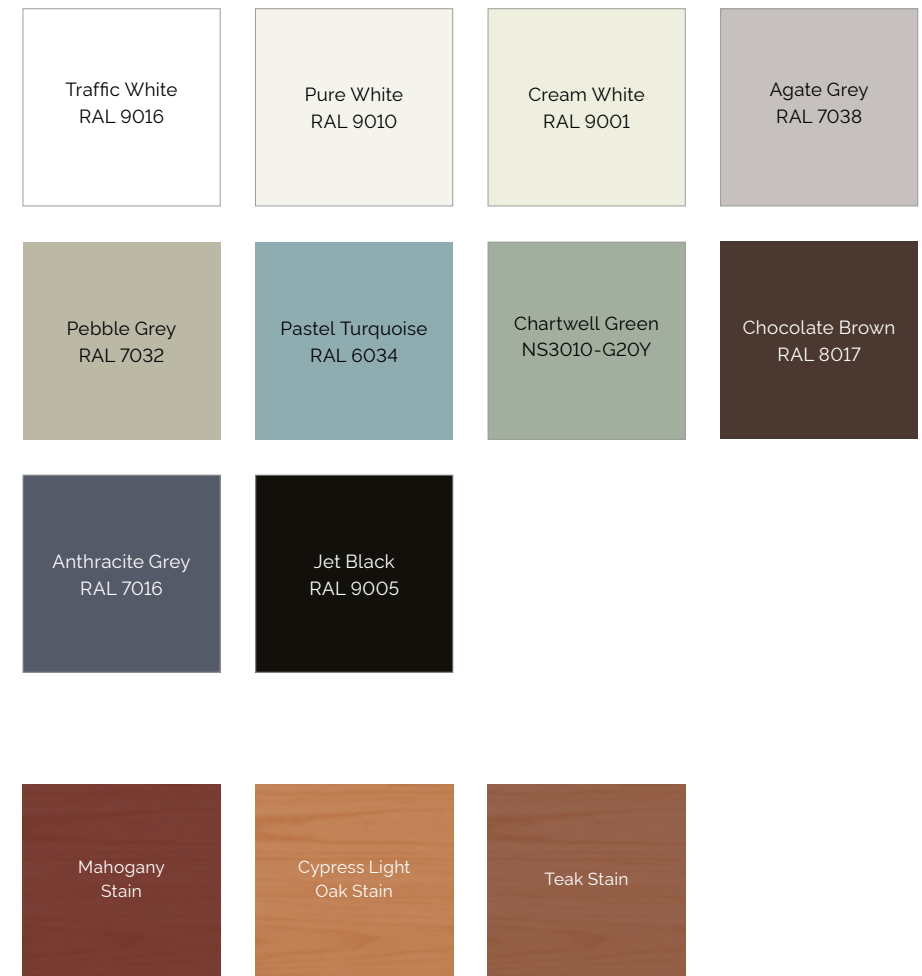
As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 stain colours as standard, but they come with an extended lead time.

In addition to our standard range, we also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a stain finish you may be able to see the finger joints and timber repairs through the stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Dual Turn standard handles



Cranked handles

White, chrome, gold, graphite, antique black, black



Monkey tail handles

Chrome, gold, graphite, antique black



Teardrop handles

Chrome, gold, graphite, antique black

Trickle vents

Trickle vents can be fitted only to the head of the frame above a sash. Trickle vents are visible on the inside of the window but concealed from the outside.

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan Brothers fit a 425mm vent (size permitting).

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws).



Double glazing

As a standard, all Dual Turn windows are delivered with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 w / m²K

Other glazing options available

- Toughened (toughened both sides): Ug 1.2 w / m²K
- Laminated / toughened (laminated out / toughened in): Ug 1.2 w / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

Glazed units over 1350mm high must use toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

Dual Turn windows can be delivered with 28mm low-energy triple glazing with a black warm edge spacer. The Ug of the triple glazing is 0.8 w / m²K

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure windowpane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Satinovo, Minster, Stippolyte, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

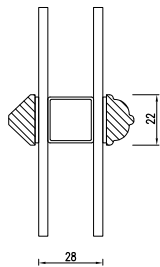
Bonded / astragal bars

Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

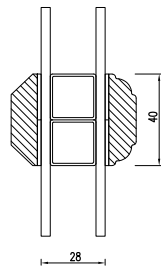
We offer 3 types of bar dimensions

- 22mm (standard, made from Q-wood unless it's a Stain Colour)
- 40mm (made from timber)
- 56mm (made from timber)
- Stained Products: All beads and bars are made from timber.

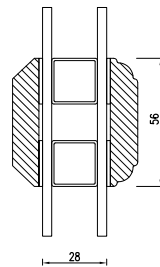
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation.

Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements.

Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 140mm frame
- 56mm mid-rail
- Horn option A
- Black warm edge spacer
- Standard locking handle, Chrome
- TV90 Vent (425mm)
- Colour RAL 9016
- Screws: Stainless Steel
- Internal cill board groove
- External cill board groove
- 28mm double glazing with argon gas
- Weatherstrip in white

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint Finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

- Secured by Design
- PAS24 (Q-mark)
- ISO9001

Thermal performance

- 1.4 W / m²K (double glazing)
- 1.2 W / m²K (triple glazing)

Section drawing – Dual Turn Window, externally glazed only

Externally glazed sections



Lipped Casement Windows



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

In lipped casements the sash sits over the external frame to stop the sash from going further into the frame.

Opening options

Top-hung (top-guided), side-hung (side-guided),



Top-hung (top-guided)



Side-hung (side-guided)

Top-hung

The window can be externally or internally beaded. The hinge can be restricted or unrestricted. The opening angle of the top-hung window depends on its size and ranges from 38 degrees to 67 degree. The smaller the window the bigger the opening angle. Restricted hinges are only available if the sash height is between 400mm and 1349mm.

Side-hung

The window can be externally or internally beaded. The hinge can be restricted or unrestricted. The opening angle of the side-hung window is up to 58 degrees. Side-hung windows have a black riser block fitted between sash and sole.

Fixed light / fixed sash (dummy sash)

The window can be internally or externally beaded. The Lipped casement is available as a fixed light, which is a pane of glass fitted in a frame or as a Fixed Sash, which is a fixed, unopenable sash in a frame. The fixed sash (dummy sash) looks like an openable window from the outside.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Design features

Low-level handle

The option of a low-level handle is available on side-hung windows only. The handle will be fitted 275mm from the bottom of the sash. Max height for windows with low-level handles is 1540mm.

Fire egress windows

Side-hung windows with fire egress do not have a fixed mullion. Both sashes can be opened. A shadow groove creates the appearance of an equal divide between the primary and secondary sashes. The shadow groove is situated on the inside of the secondary sash and on the outside of the primary. Windows with fire egress can only have an equal divide (both sashes same size).

On estimates and order confirmations Fire Egress is explained as follows: Fire Egress (no fixed mullion). Fire egress windows have an external cover facing fitted to the secondary sash.

To comply with fire egress regulations you must have a minimum clear opening of 0.33m² (min. 450mm width and height).

Dimensions

- Frame depth: 68mm or 92mm
- Sash depth: 58mm (28mm glazing)
- Gap tolerances around the moving sash: Bottom 10mm, Sides 5mm, Top 5mm

Minimum and maximum sizes

Sidehung

- Minimum width / height 420mm / 460mm.
- Maximum width / height 1010mm / 1710mm

Fire egress (outer frame size)

- Minimum width / height 673mm / 900mm

French casement with fire egress

- Minimum width / height 930mm / 586 mm

Top-hung

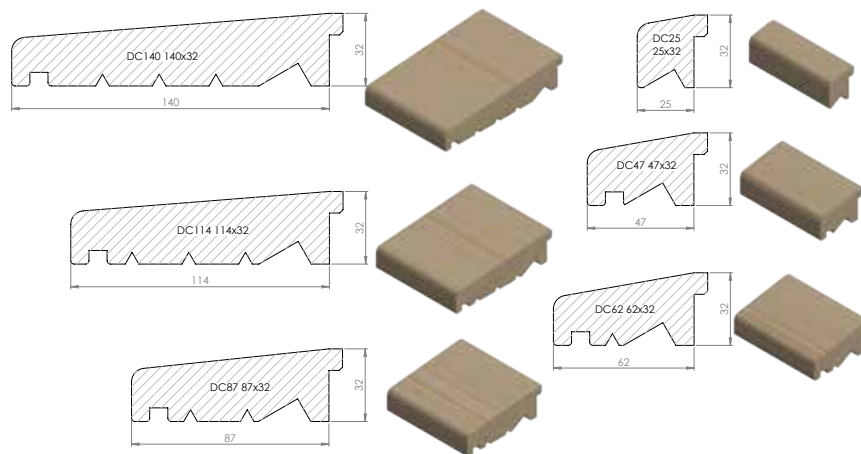
- Minimum width / height 420mm / 380mm.
- Maximum width / height 1460mm / 1610mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is defaulted in the product (except on sidelights) but can be removed.

Cill extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply that actual window cill board.

Head drips

Products can be delivered with a head drip or prepared for a head drip. The head drip groove is 10mm wide and 7mm deep.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range, we also offer:

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains

Traffic White RAL 9016	Pure White RAL 9010	Cream White RAL 9001	Agate Grey RAL 7038
Pebble Grey RAL 7032	Pastel Turquoise RAL 6034	Chartwell Green NS3010-G20Y	Chocolate Brown RAL 8017
Anthracite Grey RAL 7016	Jet Black RAL 9005		
Mahogany Stain	Cypress Light Oak Stain	Teak Stain	

Casement window hardware



Cranked handles

White, chrome, gold, graphite, antique black, black



Monkey tail handles

Chrome, gold, graphite, antique black



Teardrop handles

Chrome, gold, graphite, antique black

Trickle vents

Trickle vents can be fitted only to the head of the frame above a sash. They cannot be fitted in a fixed light with no sash. Trickle vents are visible on the inside of the window but concealed from the outside.

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan Brothers fit a 425 vent (size permitting)

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws).



Double glazing

As a standard, all Casements are delivered with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 W / m²K

Other glazing options available:

- Toughened (toughened both sides): Ug 1.2 W / m²K
- Laminated / toughened (laminated out / toughened in): Ug 1.2 W / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

Glazed units over 1350mm high must use toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

Lipped casements can be fitted with 28mm low-energy glazing with a black warm edge spacer. The Ug of the triple glazing is 0.8 w / m²K. Triple glazing can also be made toughened.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure windowpane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Satinovo, Minster, Stippolyte, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

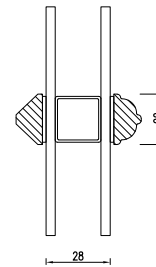
Bonded / astragal bars

Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

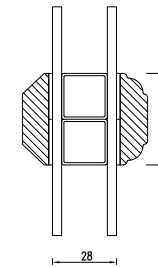
We offer 3 bar widths

- 22mm (standard, made from Q-wood)
- 40mm (made from timber)
- 56mm (made from timber).
- Stained Products: All beads and bars will be made from timber.

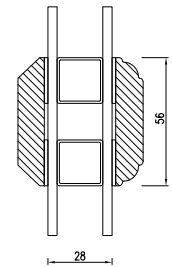
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to a pallet and wrapped in protective plastic. This wrapping is designed to protect the products during transportation to site.

Once delivered, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed promptly.

If the plastic wrapping is left in place during storage, it can create a greenhouse effect, causing excessive heat and moisture to build up around the products. This may result in:

- Timber glazing beads and bars shrinking or moving
- Paint swelling, softening or blistering
- Other damage to the timber, coatings or components

The protective wrapping is intended for transportation only and must not be used as protection during on-site storage.

Please note: Damage resulting from incorrect storage, including failure to remove the protective plastic wrapping after delivery, will not be covered under the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 92mm frame
- 58mm sash
- 28mm low-energy glazing
- Argon gas
- Black warm edge spacer
- White lockable handle
- TV90 Vent (425mm)
- Colour RAL 9016
- Screws: Stainless Steel
- Internal cill board groove
- External 62mm cill extension
- Weatherstrip - White

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

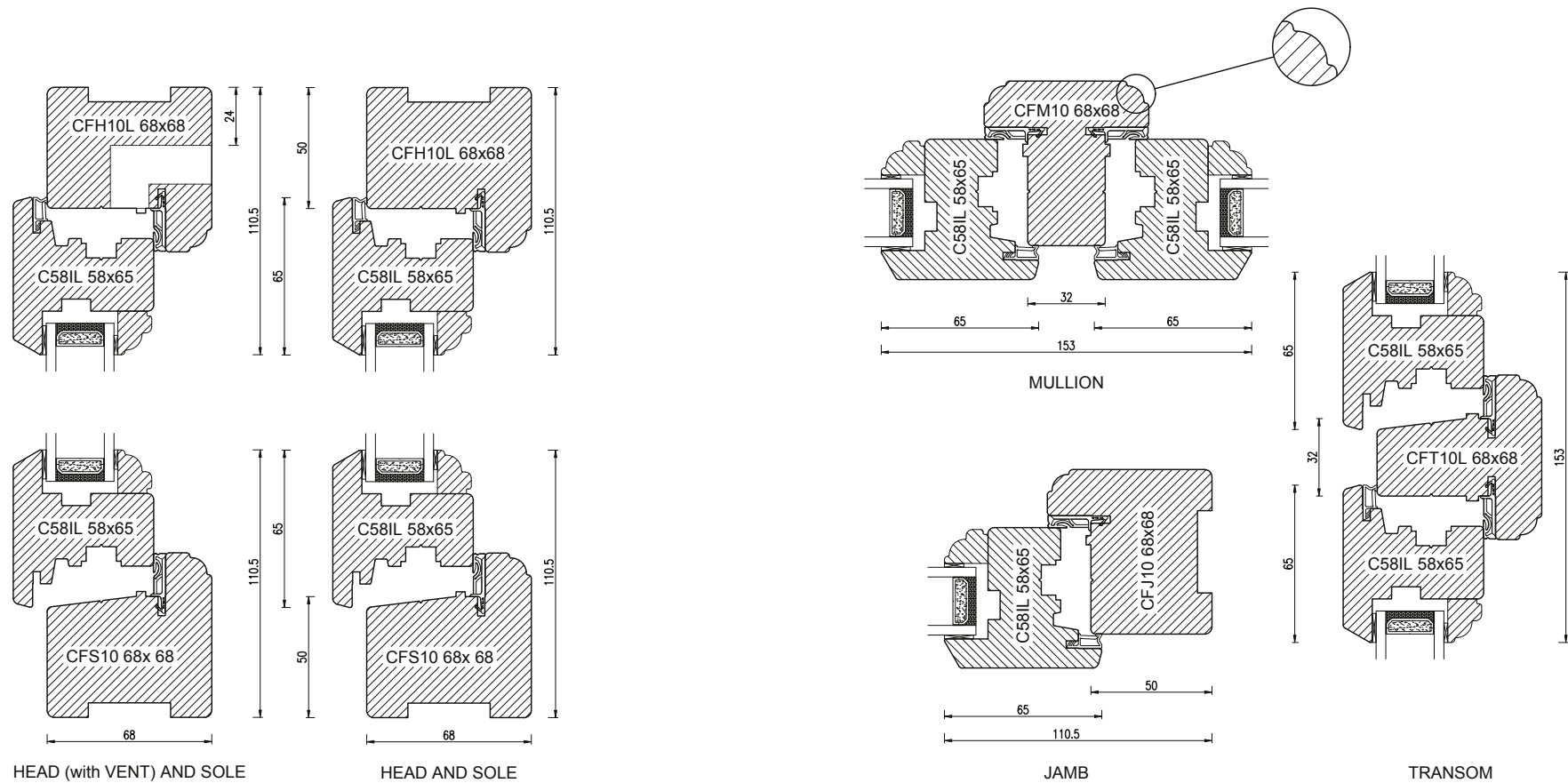
- Secured by Design
- PAS24 (Q-mark)
- ISO9001
- FSC certified wood

Thermal performance

- 1.4 W / m²K (double glazing)
- 1.1 W / m²K with triple glazing (size depending)

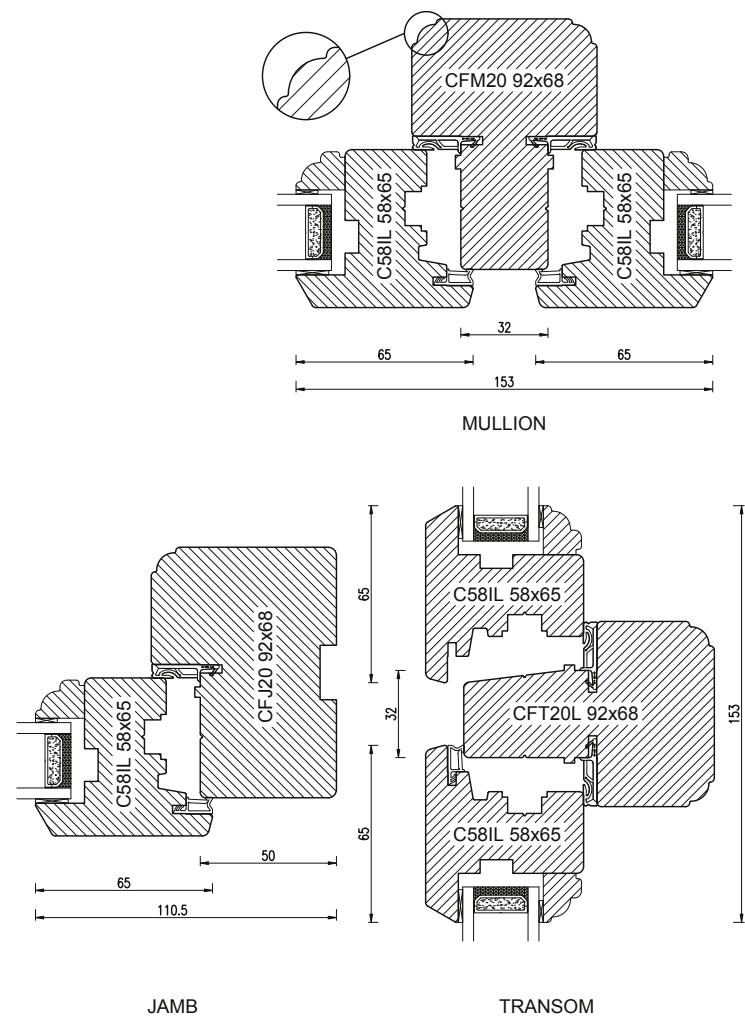
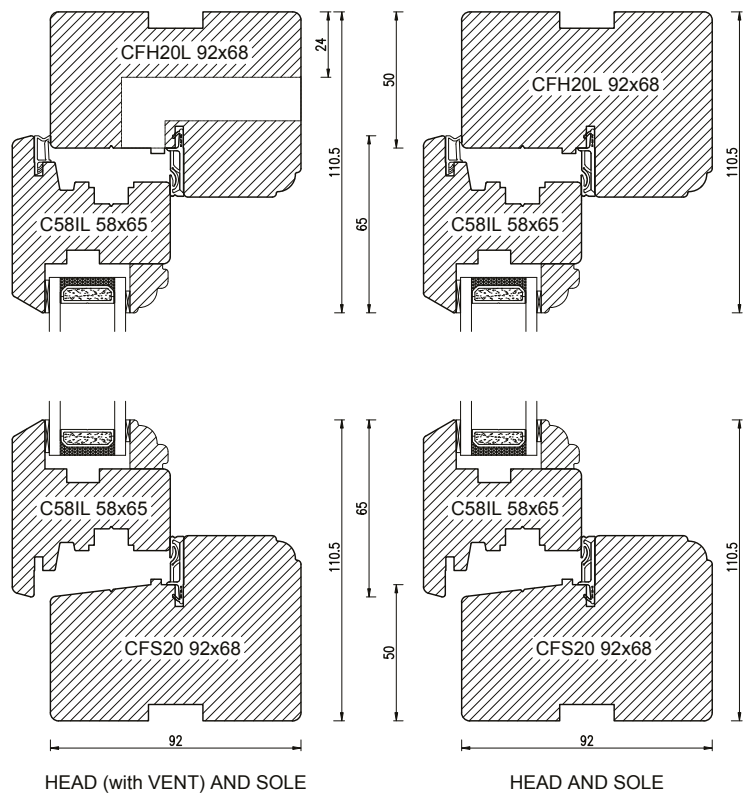
Section drawing – Lipped Casement Window

Internally glazed 68mm lipped frame sections



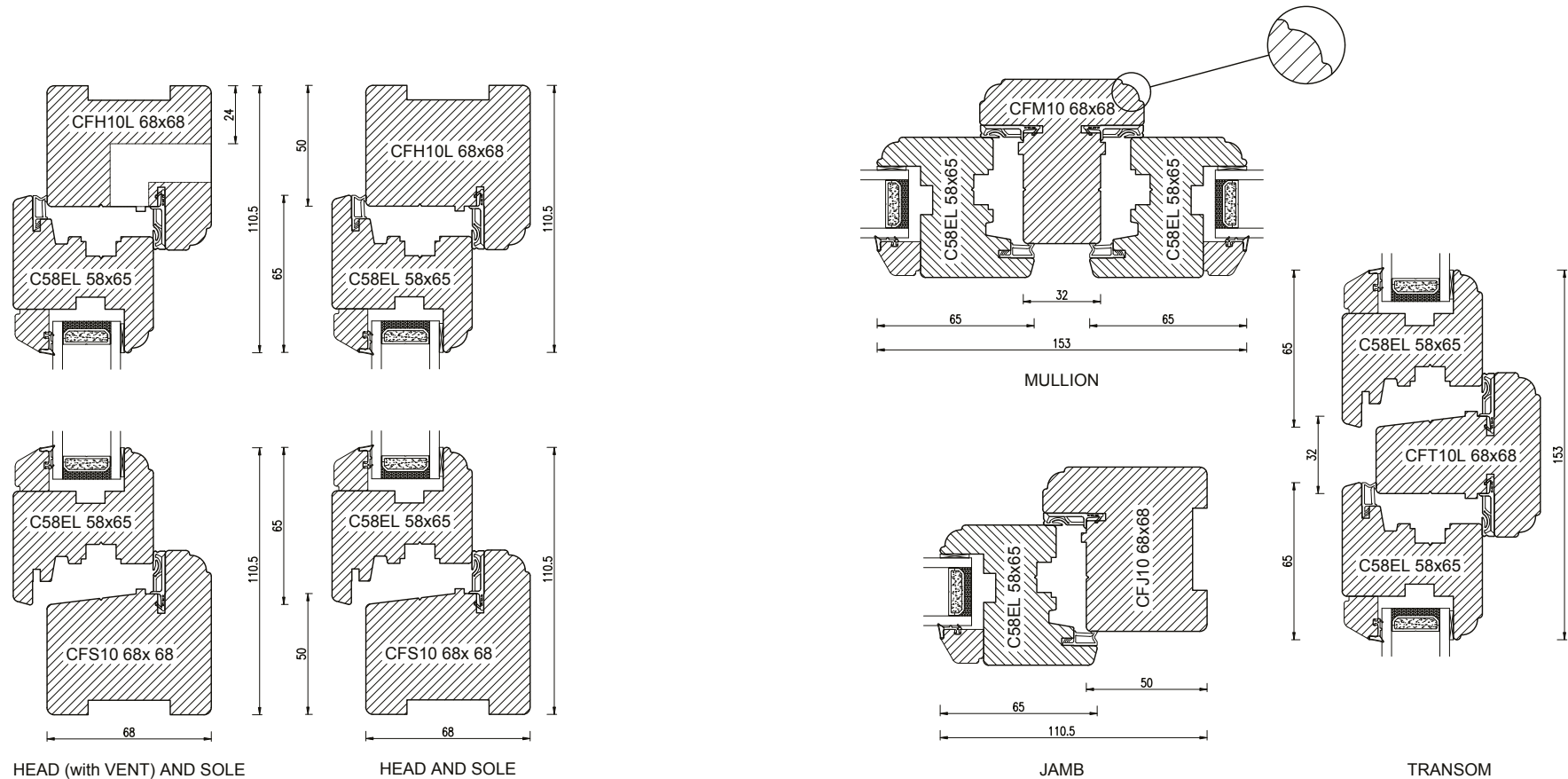
Section drawing – Lipped Casement Window

Internally glazed 92mm lipped frame sections



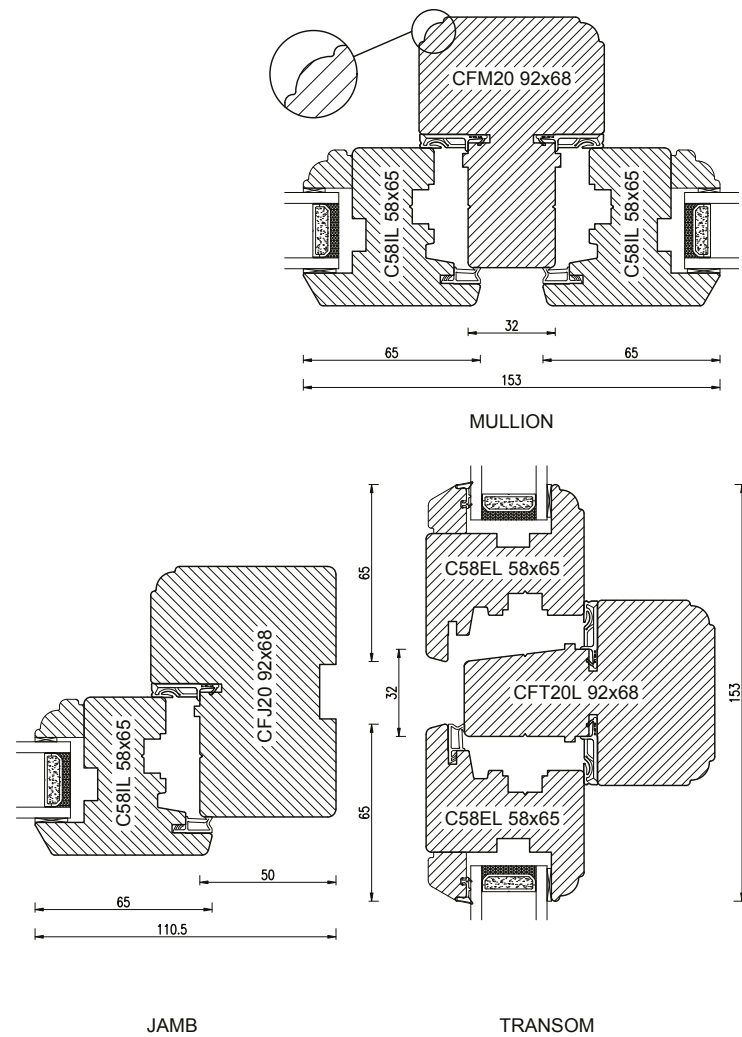
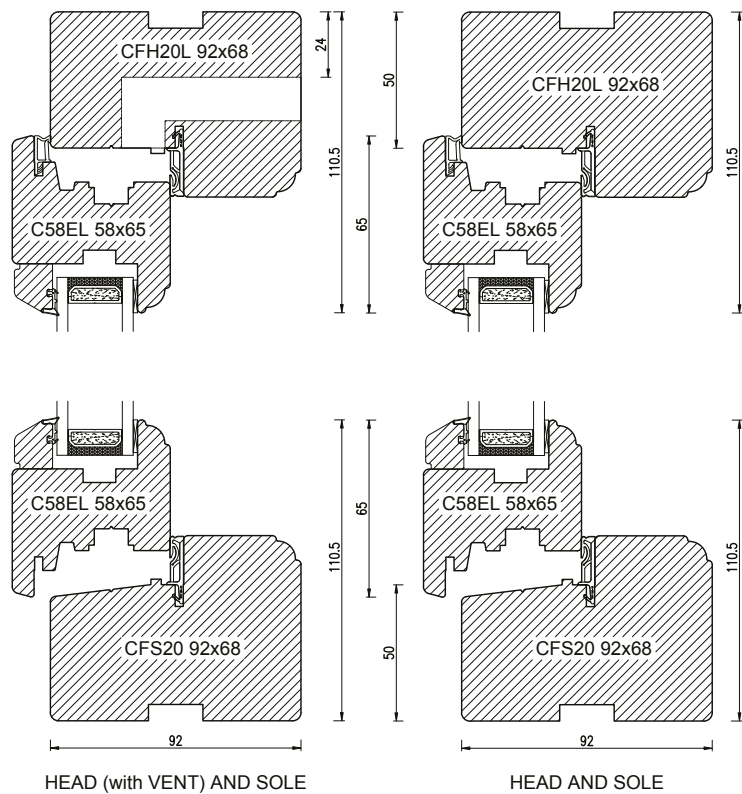
Section drawing – Lipped Casement Window

Externally glazed 68mm lipped frame sections



Section drawing – Lipped Casement Window

Externally glazed 92mm lipped frame sections



Sliding Sash Windows

– Cords & Weights



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

The sashes slide up and down using traditional pulleys with heavy-duty cords and weights. Simplex fittings can be fitted to the bottom sash, allowing it to open on butterfly hinges to facilitate cleaning from the inside. The product can be internally or externally glazed. The box containing the weights and cords can be 80mm or 95mm deep.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Horn option

Horn options A and C are available on top sashes.

Horn option A is available on bottom sashes.



Horn option A



Horn option C

Dimensions

- Frame depth: 160mm
- Meeting rail: 40mm (not PAS24 accredited)

Minimum and maximum sizes

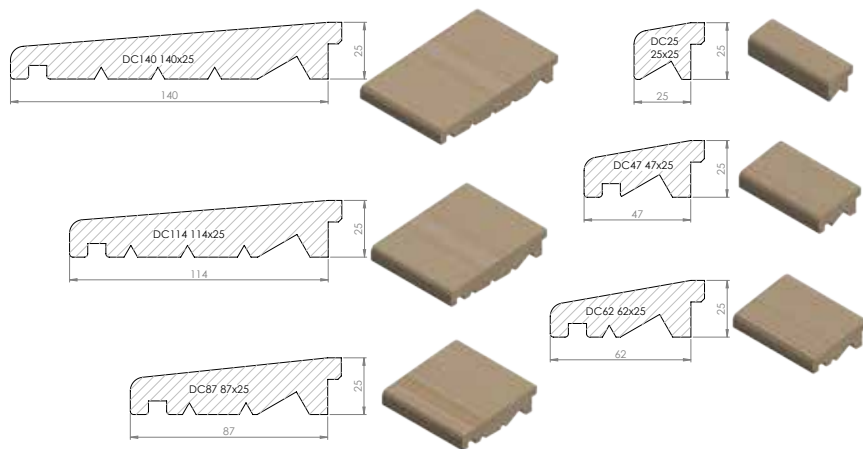
- Minimum Width / Height: 488mm / 800mm
- Maximum Width / Height: 1480mm / 2620mm
- Fire Egress: Minimum width / Height: 953mm / 1347mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is included as standard (except on sidelights) but can be removed.

Cill extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 25mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply the actual window cill board.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range, we also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On products with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains

Traffic White RAL 9016	Pure White RAL 9010	Cream White RAL 9001	Agate Grey RAL 7038
Pebble Grey RAL 7032	Pastel Turquoise RAL 6034	Chartwell Green NS3010-G20Y	Chocolate Brown RAL 8017
Anthracite Grey RAL 7016	Jet Black RAL 9005		
Mahogany Stain	Cypress Light Oak Stain	Teak Stain	

Trickle vents

Trickle vents are visible on the inside of the window but concealed from the outside. Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan brothers fit a 425mm vent (window size permitting).

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws).



Hardware / hinges

The VSS Cords & Weights window is supplied with a Sash Restrictor / Vent lock to restrict the opening of the moving sash.



Standard Hardware for VSS – High Performance Range

Contemporary Range

Available in Polished Chrome, Gold, Graphite



The Heritage Range

Available in Polished Chrome, Gold, Graphite



Double glazing

As a standard, all VSS Cords & Weights windows are delivered with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 W / m²K

Other glazing options available

- Toughened (toughened both sides): Ug 1.2 W / m²K
- Laminated / toughened (laminated out / toughened in): Ug 1.2 W / m²K

Glazed units over 1350mm high must use toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

The Sliding Sash window can be fitted with 28mm low-energy glazing with a black warm edge spacer. The Ug of the triple glazing is 0.8 w / m²K. Triple glazing can also be made toughened.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure windowpane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Stippolyte, Satinovo, Minster, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

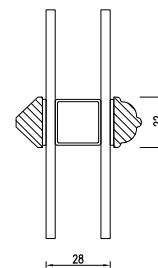
Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

Bonded / astragal bars

Our 22mm bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside:

22mm BONDED BARS



Bonded / astragal bars are made from Q-Wood (timber composite) as a standard. For stain colours, the bars are made from timber.

Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 160mm frame
- 40mm meeting rail / mid-rail (not PAS24 accredited)
- Internal cill groove
- Horn detail A to top sash only
- Hardware in Chrome
- TV90 vent (425mm)
- 28mm double glazing with argon gas
- Black warm edge spacer
- Colour RAL 9016
- Screws: Stainless Steel
- Weatherstrip white
- 95mm box

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed Unit
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

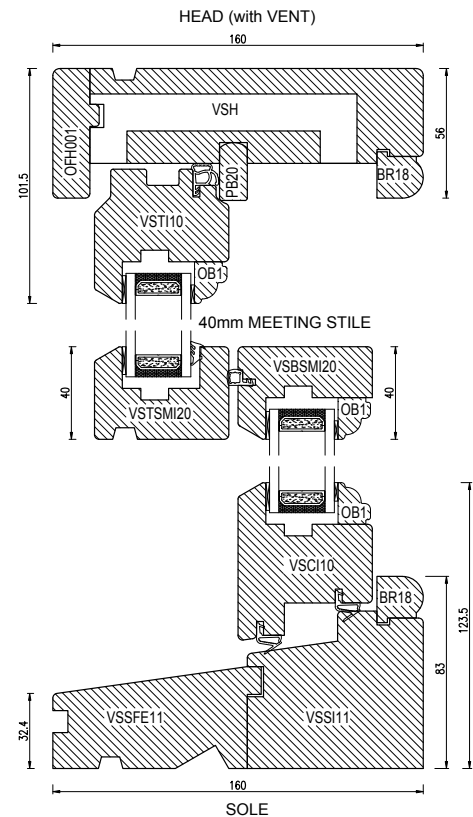
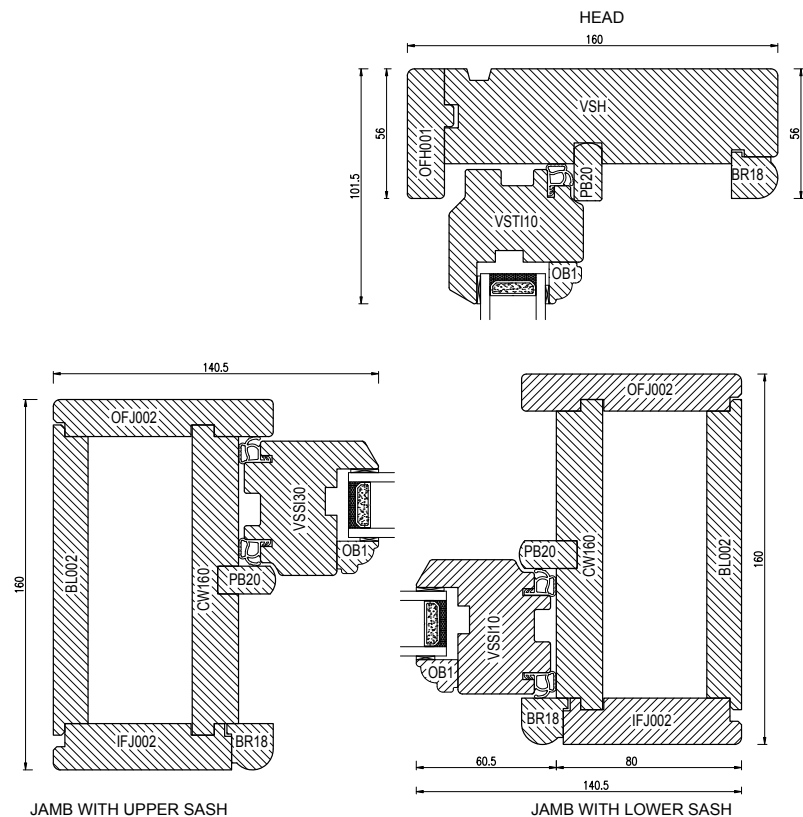
- ISO9001
- BS 6375 part 1+2

Thermal performance

- 1.4 W / m²K (28mm double glazing)
- BFRC rating B
- 1.2 W / m²K (28mm triple glazing)

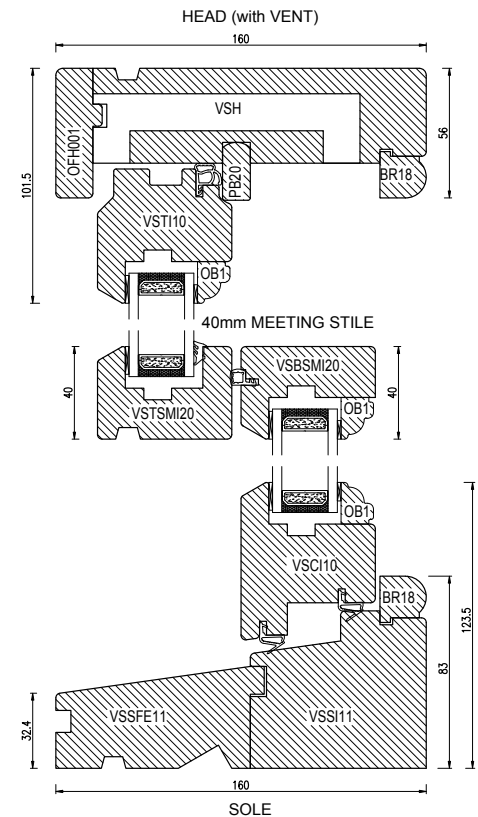
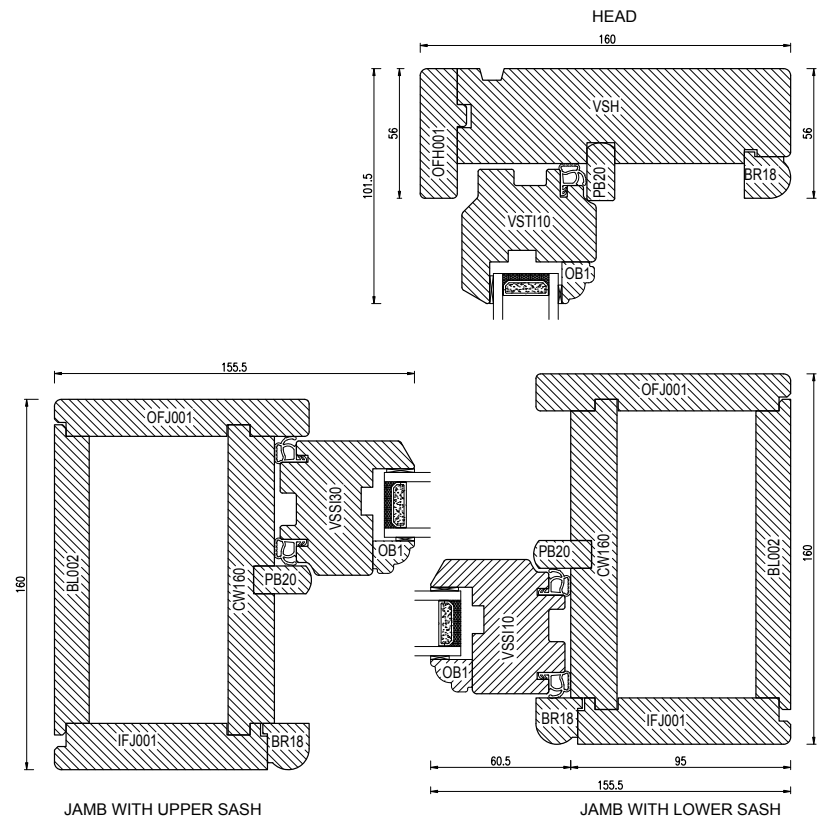
Sliding Sash Window, cords & weights, 80mm box

Internally glazed



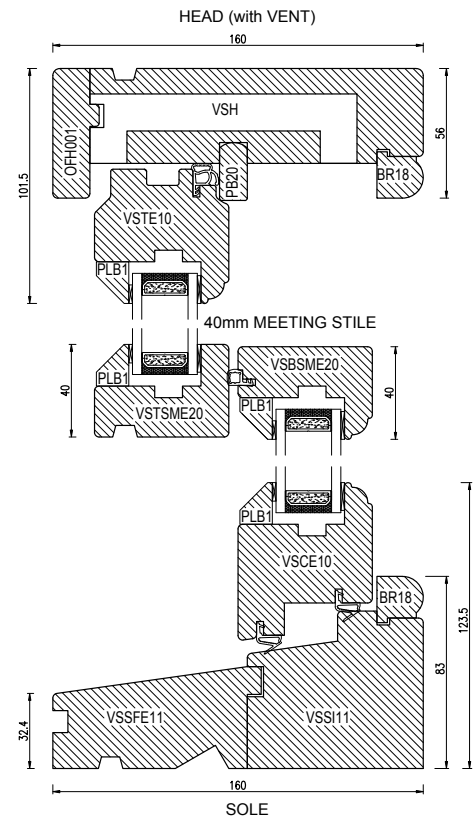
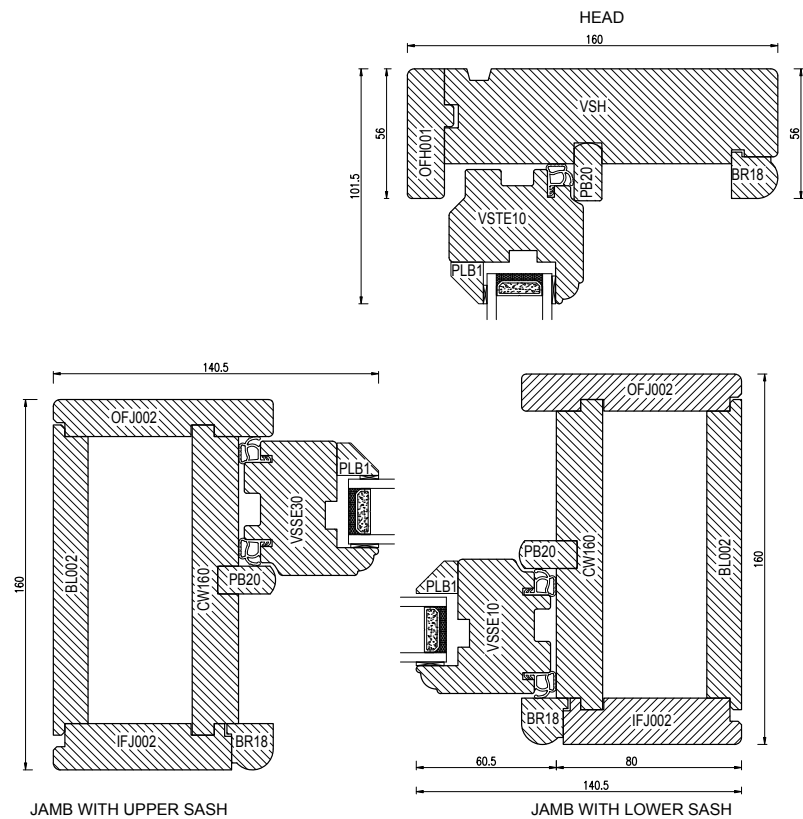
Sliding Sash Window, cords & weights, 95mm box

Internally glazed



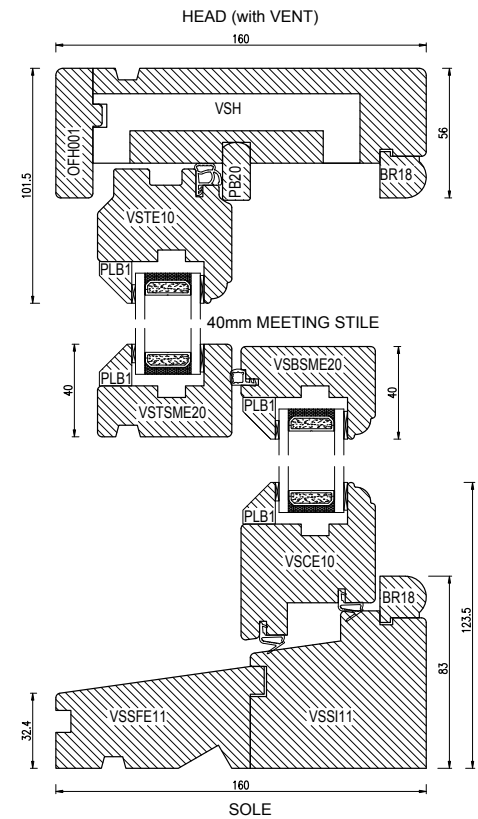
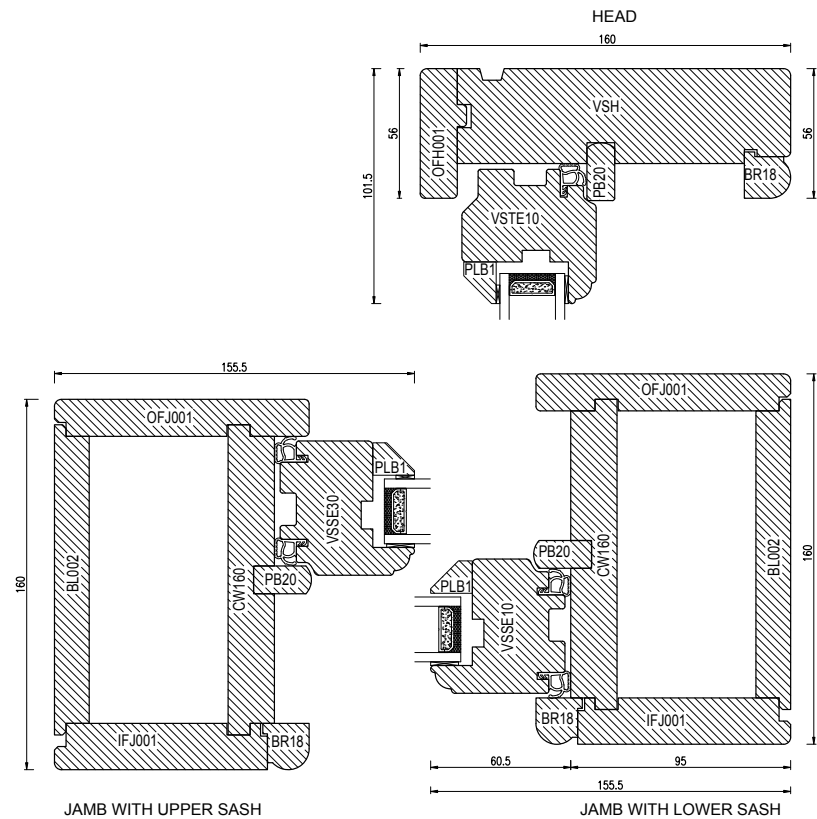
Sliding Sash Window, cords & weights, 80mm box

Externally glazed



Sliding Sash Window, cords & weights, 95mm box

Externally glazed



Sliding Sash Windows

– Spiral Balance



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

Spiral balance sash windows are a great alternative to traditional Cords & Weights. The sashes slide by means of partially hidden pre-tensioned springs; with a smooth, easy-to-use mechanism. The product can be internally or externally glazed.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Horn option

Horn options A and C are available on top sashes.

Horn option A is available on bottom sashes.



Horn option A



Horn option C

Dimensions

- Frame depth: 160mm
- Meeting rail: Standard is 53mm (PAS24 accredited).
- Meeting rail: Optional 40mm (not PAS24 accredited)

Minimum and maximum sizes

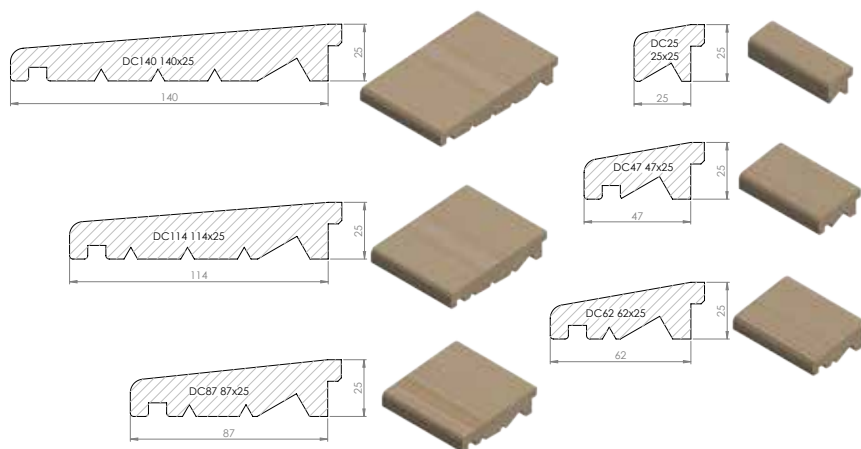
- Minimum Width / Height: 380mm / 750mm
- Maximum Width / Height: 1378mm / 2620mm
- Fire Egress: Minimum width / Height: 845mm / 1360mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is defaulted in the product (except on sidelights) but can be removed.

Cill extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 25mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply the actual window cill board.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

. In addition to our standard range, we also offer:

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On products with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Trickle vents

Trickle vents are visible on the inside of the window but concealed from the outside. Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan brothers fit a 425mm vent (window size permitting).

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)



Hardware / hinges

The VSS Spiral Balance window is supplied with a Sash Restrictor / Vent lock to restrict the opening of the moving sash.



Standard Hardware for VSS – High Performance Range

Contemporary Range

Available in Polished Chrome, Gold, Graphite



The Heritage Range

Available in Polished Chrome, Gold, Graphite



Double glazing

As a standard, all VSS Spiral Balance windows are delivered with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 W / m²K

Other glazing options available

- Toughened (toughened both sides): Ug 1.2 W / m²K
- Laminated / toughened (laminated out / toughened in): Ug 1.2 W / m²K

Glazed units over 1350mm high must use toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

The Sliding Sash window can be fitted with 28mm low-energy triple glazing with a black warm edge spacer. The Ug of the triple glazing is 0.8 w / m²K. Triple glazing can also be made toughened.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure windowpane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Satinovo, Minster, Stippolyte, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

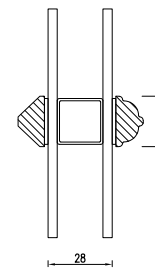
Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

Bonded / astragal bars

Our 22mm bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside:

22mm BONDED BARS



Bonded / astragal bars are made from Q-Wood (timber composite) as a standard. For stain colours, the bars are made from timber.

Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 160mm frame
- 53mm mid-rail
- Internal cill groove
- Horn detail A to top sash only
- Hardware in Chrome
- TV90 vent (425mm)
- White Spiral balance tubes
- 28mm double glazing with argon gas
- Black warm edge spacer
- Colour RAL 9016
- Screws: Stainless Steel
- Weatherstrip white

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed Unit
- 5 Years – hardware / ironmongery, stained finish, black paint finish

Certifications

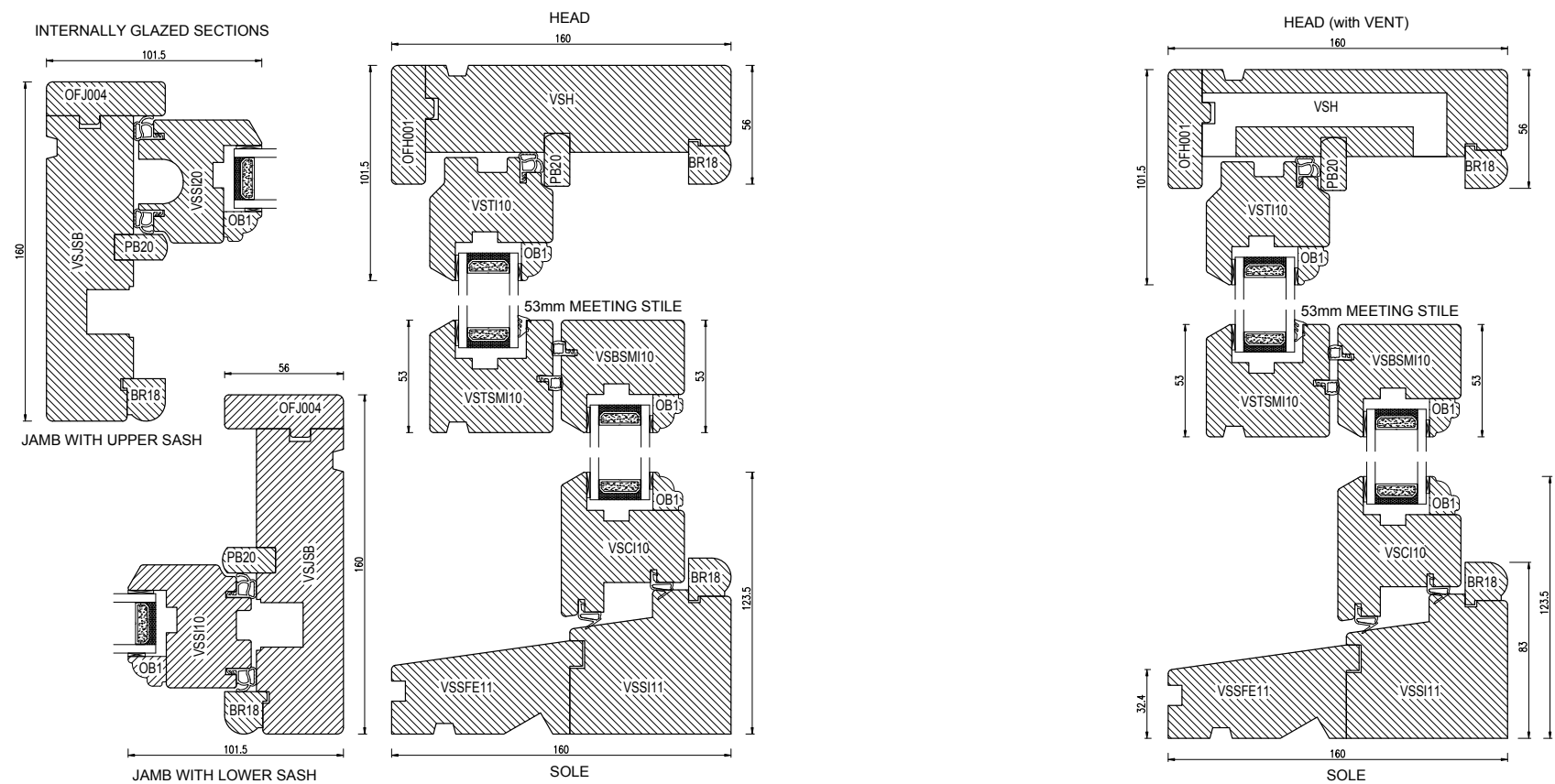
- ISO9001
- BS 6375 part 1+2
- PAS24 accreditation (only on 53mm midrail)

Thermal performance

- 1.4 W / m²K (28mm double glazing)
- BFRC rating B
- 1.2 W / m²K (28mm triple glazing)

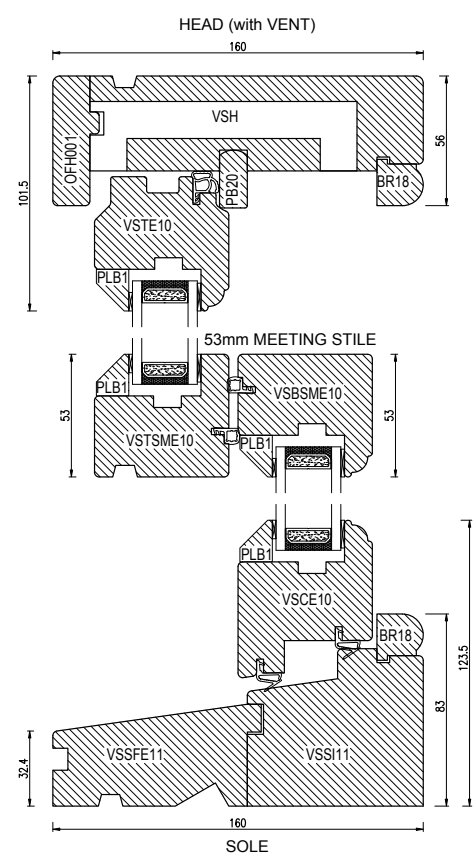
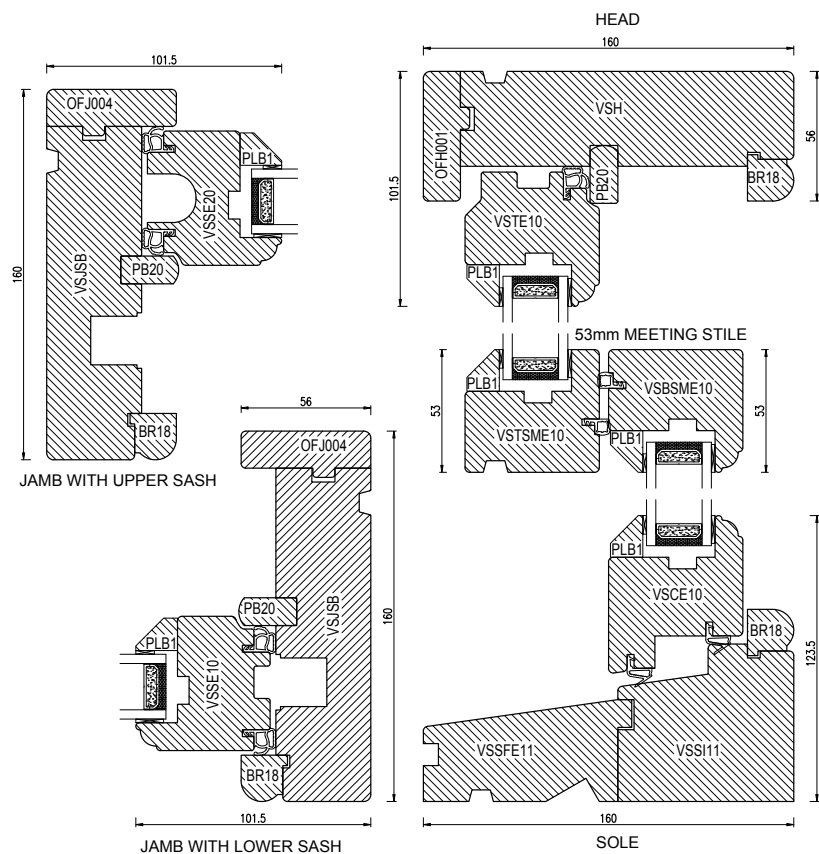
Sliding Sash Window, spiral balance, 53mm mid-rail

Internally glazed



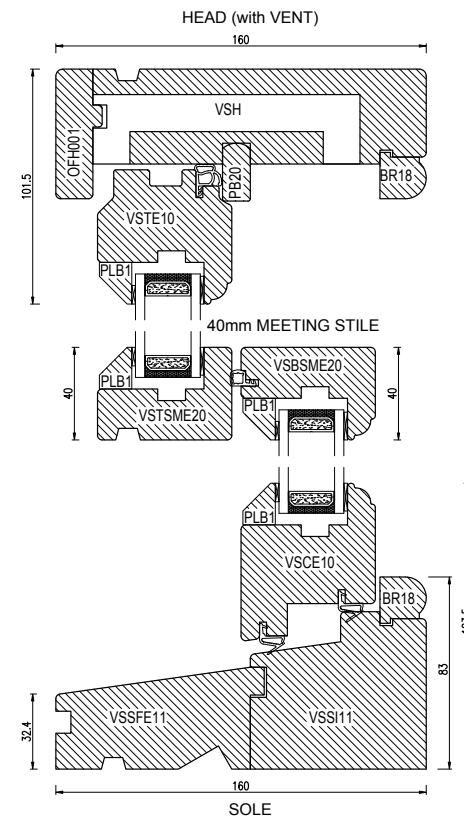
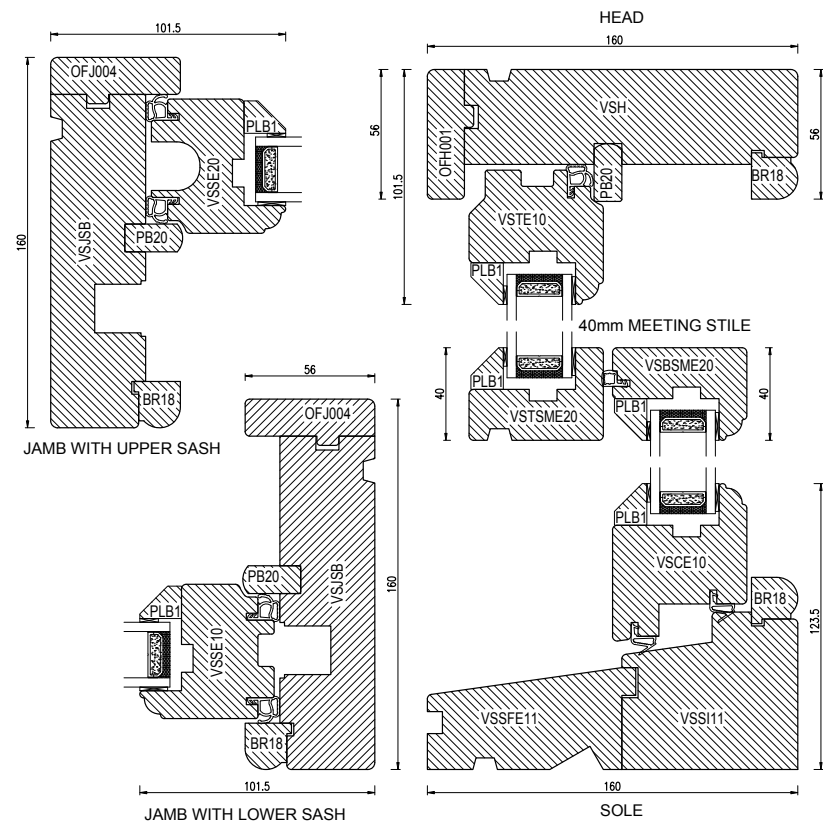
Sliding Sash Window, spiral balance, 53mm mid-rail

Externally glazed



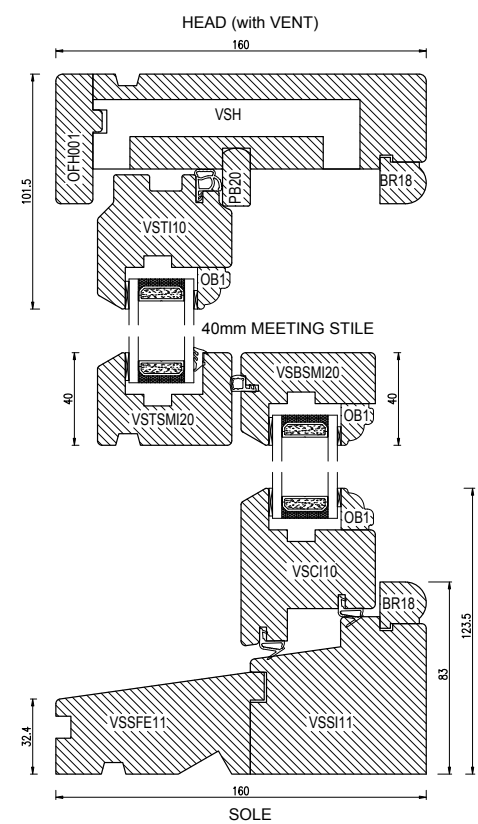
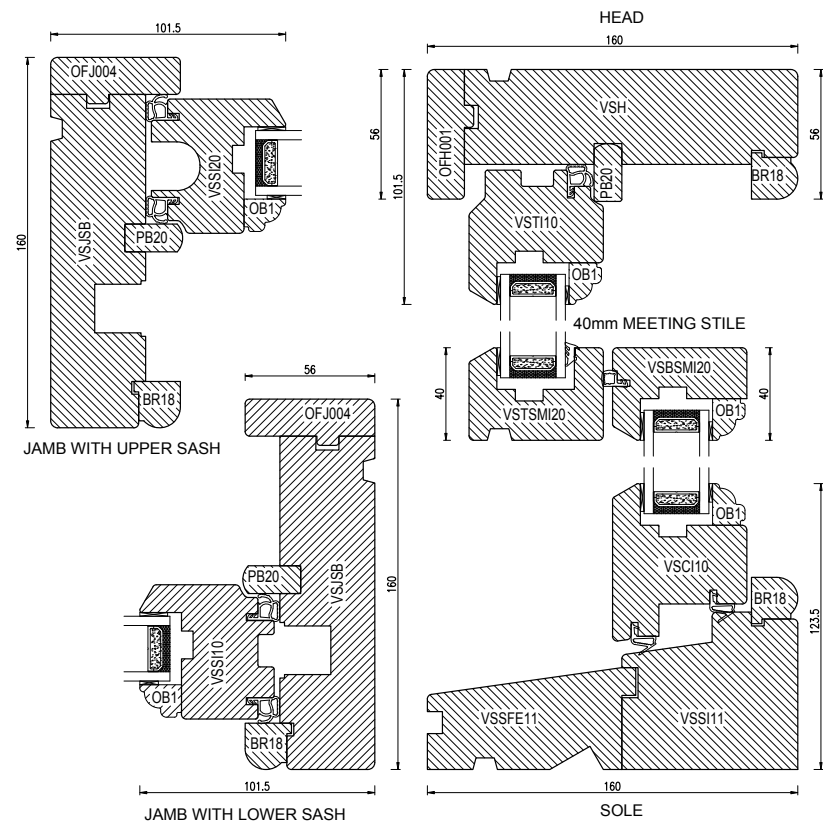
Sliding Sash Window, spiral balance, 40mm mid-rail

Externally glazed sections



Sliding Sash Window, spiral balance, 40mm mid-rail

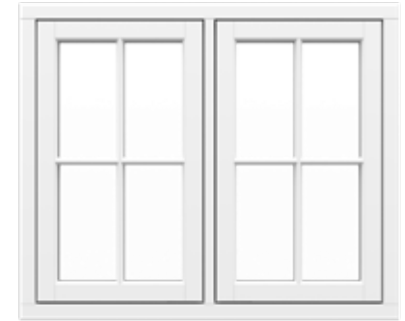
Internally glazed sections



Heritage Casement Windows



ALLAN EST. 1811 **BROS.**
Craftsmen of Bespoke Timber Windows & Doors



Opening options



*Top-hung
(top-guided)*



*Side-hung
(side-guided)*



*Fixed sash /
dummy sash*

Top-hung

The window is externally beaded. It can have either a friction stay hinge or a butt hinge. The opening angle of the top-hung window depends on the size of the window and the hinge, but is between 38 degrees and up to 67 degrees. Top-hung casements with a friction stay hinge will have a window espagnolette system as standard. Top-hung casements on butt hinges have a traditional window stay (peg stay) as standard.

Side-hung

The window is externally glazed. It can have either a friction stay hinge or a butt hinge. The friction stay hinge can be restricted or unrestricted and the opening angle is up to 58 degrees. Side-hung windows have a black riser block fitted between sash and sole.

Fixed sash (dummy sash)

The Heritage casement is also available as a fixed sash. The fixed sash is an unopenable sash in a frame. The fixed sash looks like an openable window from the outside.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed and laminated)
- Hardwood: Clear faced (for Stain colours only)

Design features

Fire Egress Windows

Side-hung windows with fire egress do not have a fixed mullion. Both sashes can be opened, and a shadow groove creates the appearance of an equal divide between the primary and secondary sashes. The shadow groove is situated on the inside of the secondary sash and on the outside of the primary.

Windows with fire egress can only have an equal divide (both sashes same size). On estimates and order confirmations Fire Egress is explained as follows: Egress hinge (no fixed mullion).

To comply with fire egress regulations you must have a minimum clear opening of 0.33m² (min. 450mm width and height).

Dimensions

- Frame depth: 92mm
- Sash depth: 58mm (14mm glazing)
- Gap tolerances around the moving sash: Bottom 10mm, Sides 5mm, Top 5mm

Minimum and maximum sizes

Generally, the max size of a heritage casement is determined by the max size of a single pane of heritage glass. The max pane size is 800mm x 1000mm.

Side-hung

- Minimum width / height 420mm / 460mm
- Maximum width / height 1010mm / 1570mm.

Fire egress w. friction stay hinge

- Minimum width / height 673mm / 900mm

Fire egress w. butt hinge

- Minimum width / height 590mm / 590mm

French casement with friction stay hinge (for fire egress)

- Minimum width / height 930mm / 586 mm

Top-hung with friction stay hinge

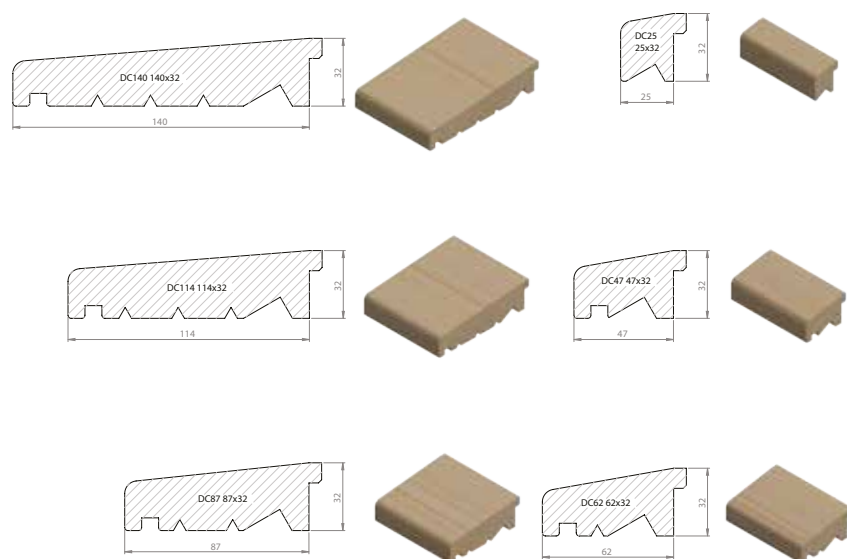
- Minimum width / height 420mm / 460mm
- Maximum width / height 1460mm / 1610mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is included as standard (except on sidelights) but can be removed.

Cill Extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the underside of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply internal window cill boards.

Head drips

Products can be delivered with a head drip or prepared for a head drip. The head drip groove is 10mm wide and 7mm deep.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product.

Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we also offer:

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Standard window hardware



Monkey tail handles
Chrome, gold, graphite, antique black



Teardrop handles
Chrome, gold, graphite, antique black

Butt hinges / knuckle hinges (optional)



Slim knuckle window hinges
Stainless steel, gold, smooth black

Butt hinges / knuckle hinges (optional)



Monkey tail casement stay
Gold, chrome, graphite, antique black



Craftsman casement stay bar
Gold, chrome, graphite, antique black

Trickle vents (optional)

Trickle vents can only be fitted to the head of the frame above a sash. Trickle vents are visible on the inside of the window but concealed from the outside.

The vents are available in the following colours:

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)

Sizes: 250mm 425mm and 695mm. The 425mm vent is the standard vent.



Double glazing

Double Slimline Heritage Glazing (4-6-4).

- Float glass (standard non-toughened) Ug 2.1 w / m²K
- Toughened (toughened both sides) Ug 2.1 w / m²K

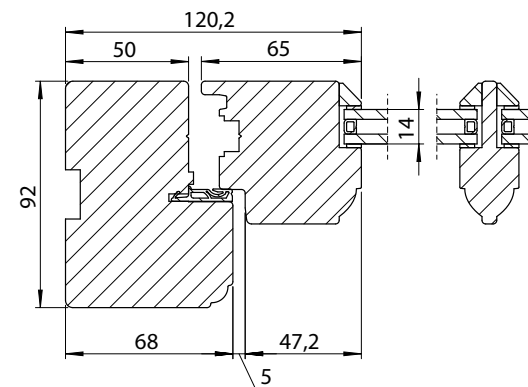
Spacer bar

Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- Optional: White, Warm Edge (text printed in light grey)

Bars

The Heritage Casement window features a 24mm solid through-bar with an ovolo mould on the inside. The bar is made from timber.



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of transportation damages or warranty-related issues.

Default ordering settings

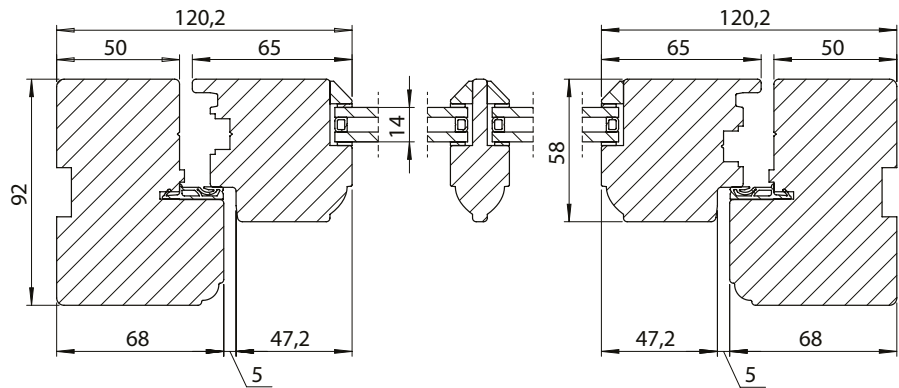
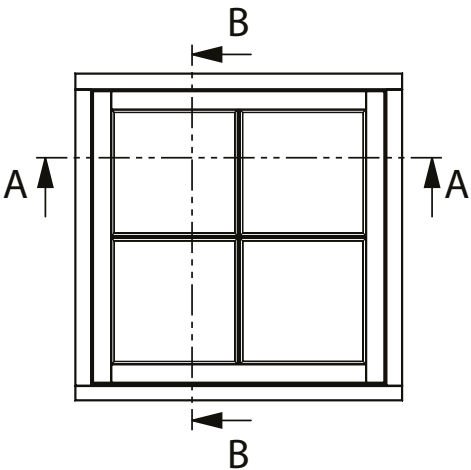
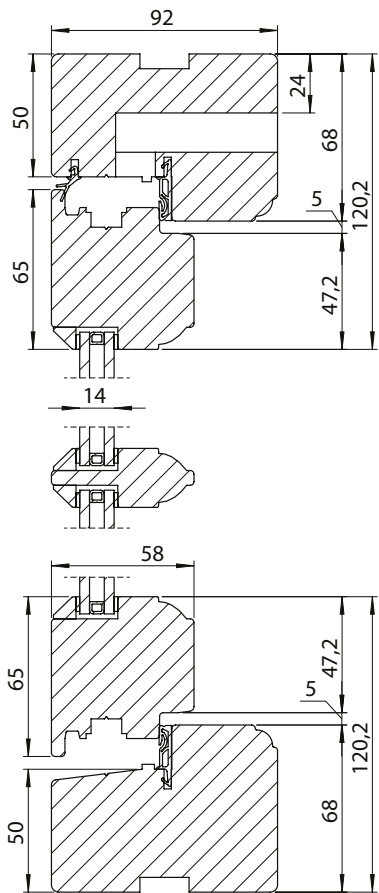
- 92mm frame
- 58mm sash
- 14mm glazing
- Argon gas
- Black warm edge spacer
- 24mm solid timber through-bar
- Friction stay hinge
- Colour RAL 9016
- Screws: Stainless Steel
- Internal cill board groove
- External 62mm cill extension
- Weatherstrip, white

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish)
- 5 Years – Hardware / ironmongery, heritage glazing, stained finish, black Paint finish warranty

Section drawing - Heritage Casement

Externally glazed, 92mm frame



Heritage Sliding Sash Windows

– Cords & Weights



ALLAN^{EST. 1811}BROS.
Craftsmen of Bespoke Timber Windows & Doors

The Heritage Sash Window has been carefully designed to suit listed buildings and traditional properties in conservation areas. The Cords & Weights opening style is a refined version of the old-fashioned pulley mechanism found in Georgian, Victorian and Edwardian homes

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Design Features

- 14mm heritage double glazing
- 40mm mid-rail
- 9mm timber glazing bead, externally glazed
- 24mm solid timber through-bar
- Traditional Sliding Sash hardware
- Sash stops fitted to the inside of the upper sash

Horn option

Horn options A and C are available on top sashes.

Horn option A available for bottom sash.



Horn option A



Horn option C

Dimensions

- Frame depth: 160mm
- Meeting rail: 40mm
- 2 box sizes (80mm or 95mm)

Minimum and maximum sizes

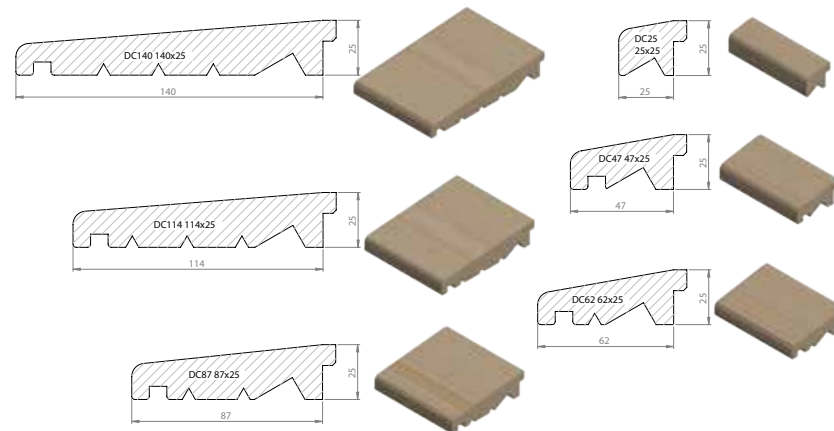
- Minimum Width / Height: 485mm / 750mm
- Maximum Width: Depends on the window configuration. The max size of a single heritage glass pane is 800mm x 1000mm
- Fire Egress: Minimum width / Height: 953mm / 1347mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is included as standard but can be removed.

Cill extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 25mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply the actual window cill boards.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range, we also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Hardware / hinges

Traditional, suited Sliding Sash hardware from Pickard.

- Available in Polished Brass (gold) and Polished Chrome.



Fitch fastener (locking)



Fitch fastener (non-locking)



Sash lift



Sash stop & strike plate

Glazing

Double Slimline Heritage Glazing – 14mm (4-6-4)

- Float glass (standard non toughened both sides) Standard Ug is 2.1 W / m²K
- Toughened (toughened both sides) Standard Ug is 2.1 W / m²K

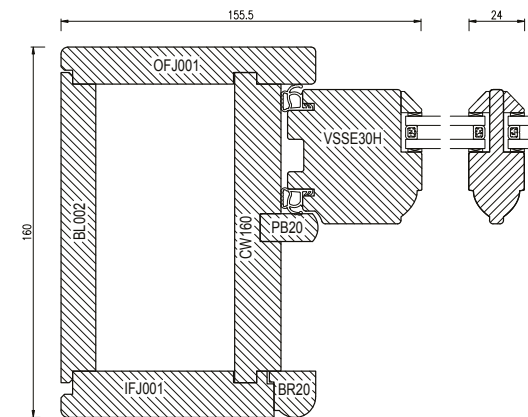
The maximum size of a single pane of heritage glazing is 800mm x 1000mm.

Spacer bar

- Black, Warm Edge (text printed in light grey)
- White warm edge spacer available on request

Solid Bar

The bar for the Heritage Sliding Sash window is a solid 24mm timber through-bar.



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

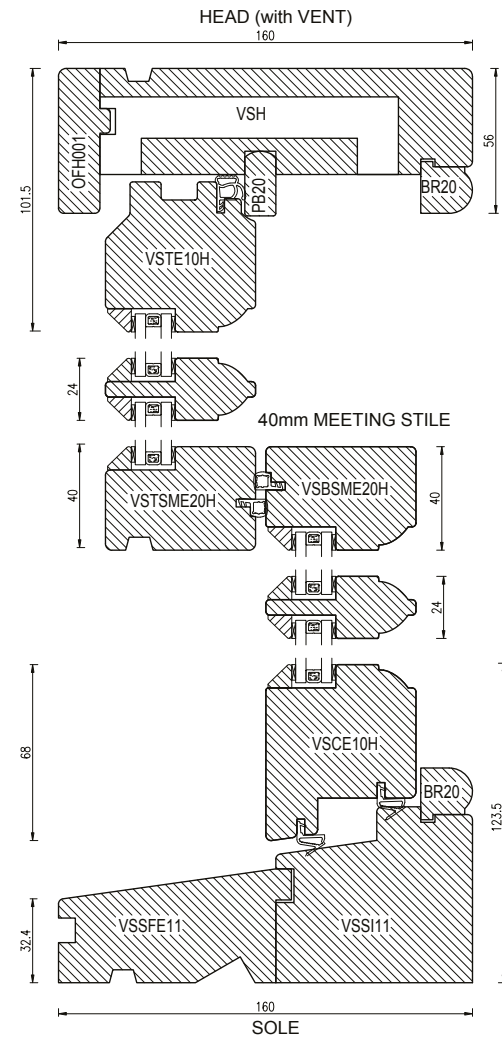
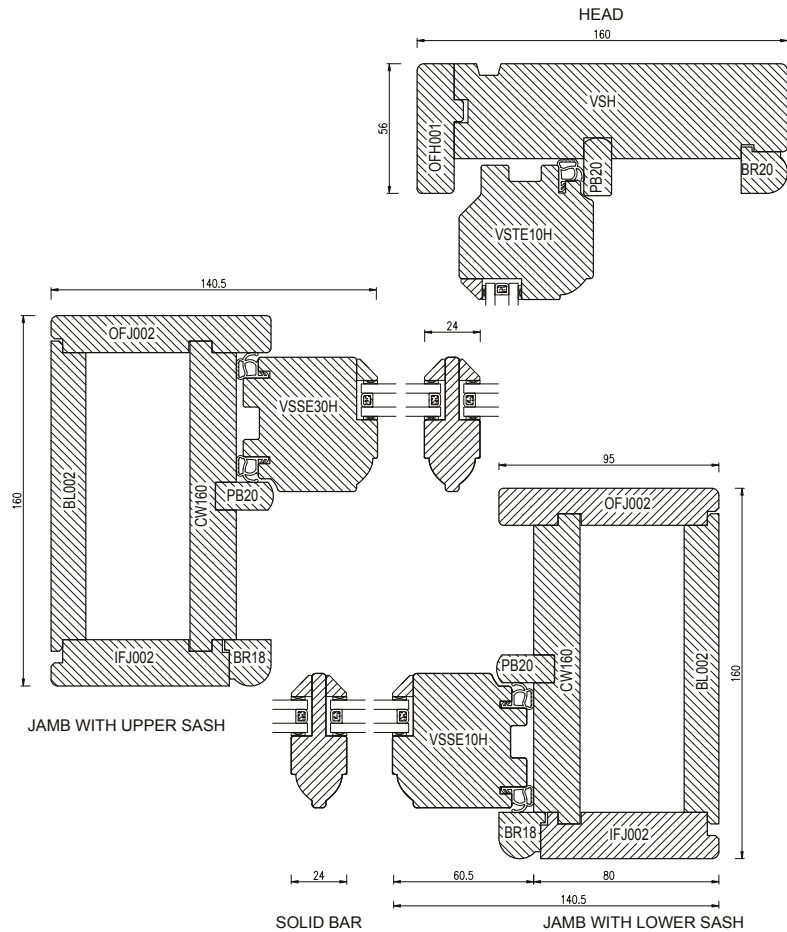
- 160mm frame
- 95mm box
- 40mm mid-rail (not PAS24 accredited)
- Horn detail A to top sash only
- Locking fitch fastener
- Sash stop, key and striking plate
- Hardware in Polished Chrome.
- 14mm double glazing (4-6-4) with argon gas
- Black warm edge spacer
- Colour RAL 9016
- Weather strip in White
- Internal cill board groove
- Screws: Stainless Steel

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, slimline glazing, stained finish, black paint finish warranty

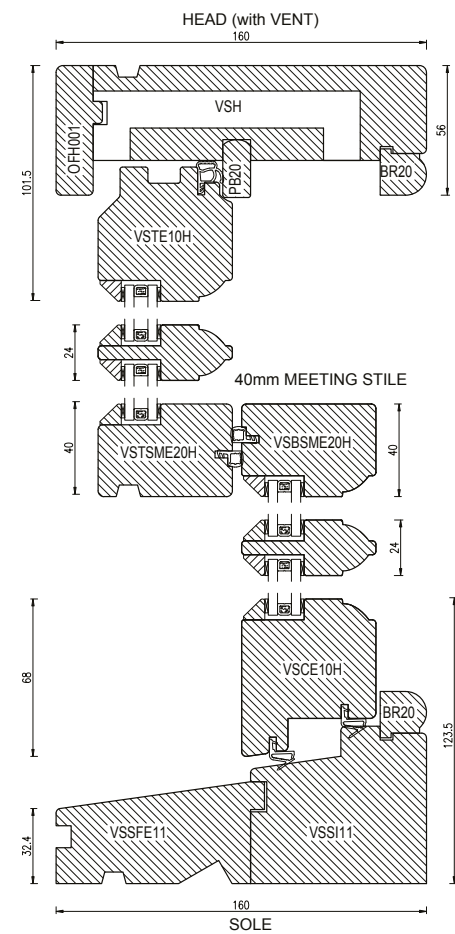
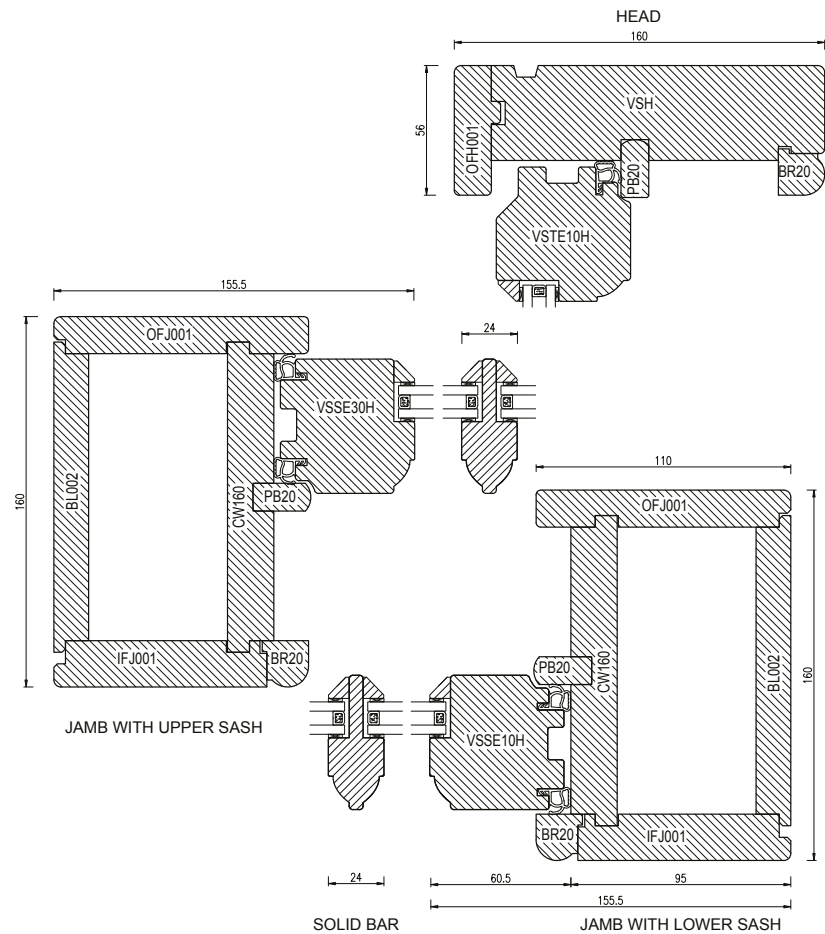
Heritage Sliding Sash Window, cords & weights, 80mm box

Externally glazed sections



Heritage Sliding Sash Window, cords & weights, 95mm box

Externally glazed sections



Heritage Sliding Sash Windows

– Spiral Balance



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

The Heritage Sash Windows have been carefully designed to suit listed buildings and traditional properties in conservation areas. The spiral balance option is a great alternative to traditional cords and weights and offers larger glass areas. The sashes slide by means of partially hidden pre-tensioned springs; with a smooth, easy-to-use mechanism. The window is externally beaded.

Window materials

Standard window timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Design Features

- 14mm slimline double-glazing
- 9mm timber glazing bead, externally glazed
- 24mm solid timber through-bar
- Traditional Sliding Sash hardware
- Sash stops fitted to the inside of the upper sash

Horn option

Horn options A and C are available on top sashes.

Horn option A available for bottom sash.



Horn option A



Horn option C

Dimensions

- Frame depth: 160mm
- Meeting rail: 40mm

Minimum and maximum sizes

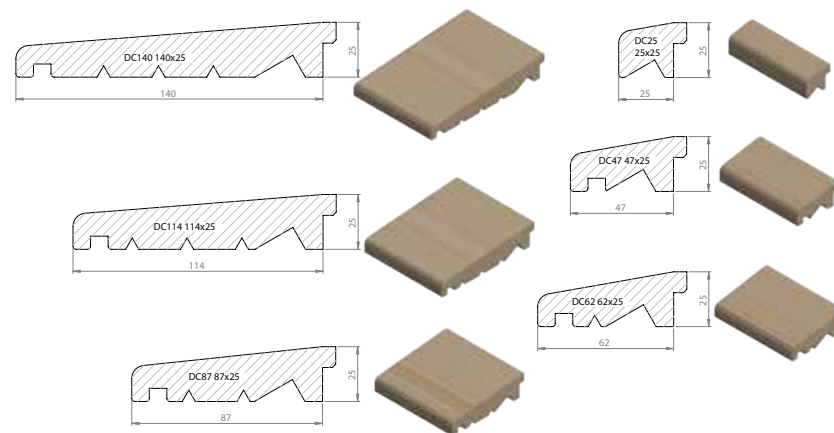
- Minimum Width / Height: 400mm / 750mm
- Maximum Width: Depends on the window configuration. The max size of a single heritage glass pane is 800mm x 1000mm.
- Fire Egress: Minimum width / Height: 845mm / 1347mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. The cill groove is included as standard but can be removed.

Cill extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 25mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Internal cill groove

An internal cill board groove / window board groove (10mm wide) can be selected for the inside bottom of the window frame. Allan Brothers do not supply the actual window cill boards.

Packers / frame extensions

Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame.

Packer sizes available

- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range, we also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Hardware / hinges

Traditional, suited Sliding Sash hardware from Pickard.

- Available in Polished Brass (gold) and Polished Chrome.



Fitch fastener (locking)



Fitch fastener (non-locking)



Sash lift



Sash stop & strike plate

Glazing

Double Slimline Heritage Glazing – 14mm (4-6-4)

- Float glass (standard non toughened both sides) Standard Ug is 2.1 W / m²K
- Toughened (toughened both sides) Standard Ug is 2.1 W / m²K

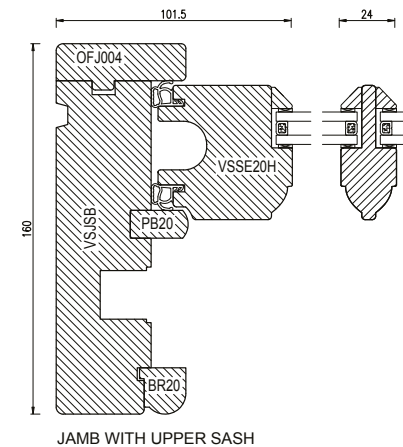
The maximum size of a single pane of heritage glazing is 800mm x 1000mm.

Spacer bar

- Black, Warm Edge (text printed in light grey).
- White warm edge spacer available on request

Solid Bar

The bar for the Heritage Sliding Sash window is a solid 24mm timber through-bar.



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

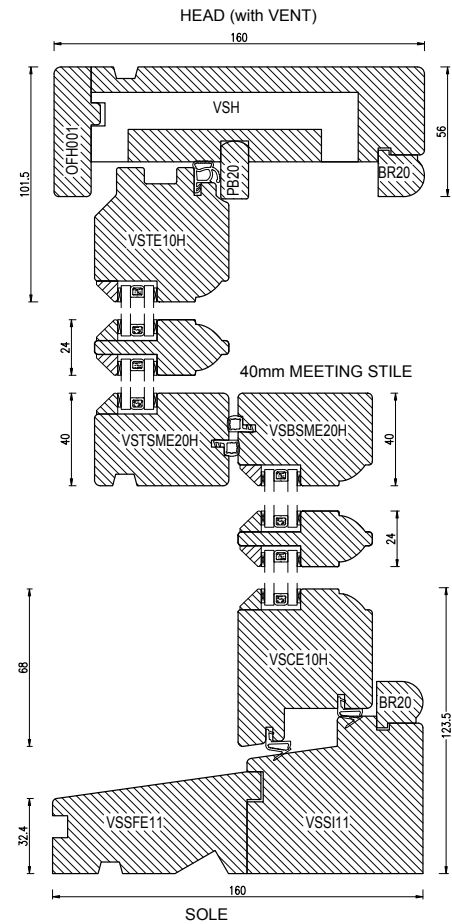
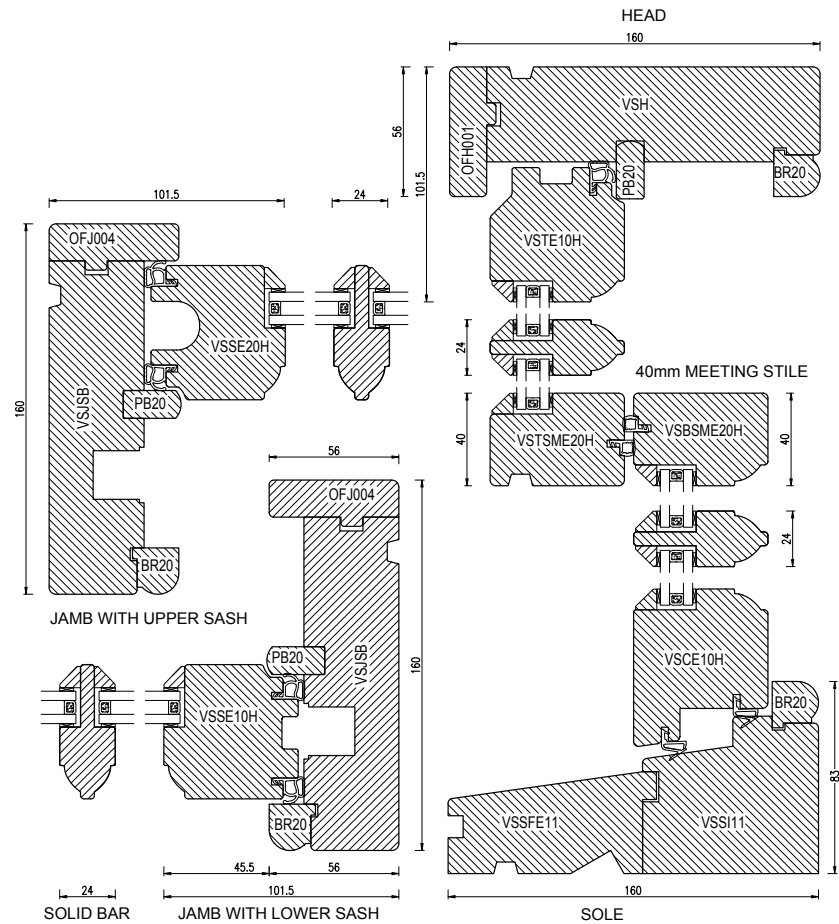
- 160mm frame
- 40mm mid-rail (not PAS24 accredited)
- Horn detail A to top sash only
- White Spiral Balance tubes
- Locking fit fastener
- Sash stop, key and striking plate
- Hardware in Polished Chrome
- 14mm double glazing (4-16-4) with argon gas
- Black WE spacer
- Colour RAL 9016
- Weather strip in White
- Internal cill board groove
- Screws: Stainless Steel

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, slimline glazing, stained finish, black Paint finish warranty

Heritage Sliding Sash Window, spiral balance

Externally glazed sections



Crafted Doors



ALLAN EST. 1811 **BROS.**
Craftsmen of Bespoke Timber Windows & Doors

Made-to-measure from solid timber and customised to suit your individual taste, our Entrance and French Doors create a classic or contemporary look, embellished with a choice of hand-crafted and bespoke features, from extra transoms and mullions through to factory finished stains and colours. The doors can be single or double and can be internally or externally beaded.

Opening options

Inward opening or outward opening.



Inward opening



Outward opening

Door materials

Standard door timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Design features

- The crafted doors can be internally or externally glazed
- Vents are visible on outside of the frame. A head drip is fitted as standard
- Fixed sashes can have concealed vents
- Fixed glazed to frame sidelights cannot have vents
- Traditional wash board at the bottom of the door
- Double doors: A shadow groove creates the appearance of an equal divide between the primary and secondary leaves. The shadow groove is positioned on the inside of the secondary leaf and on the outside of the primary leaf

Outward opening doors

- Visible door butt hinges on the outside
- Ovolo mould on the inside of the frame
- Stormguard AM5 Threshold. Available in Satin or Gold

Inward opening doors

- Visible door butt hinges on the inside
- Ovolo mould on the outside of the frame
- Stormguard AM3 Threshold. Available in Satin or Gold

Dimensions

- Frame depth: 92mm
- Frame height: 68mm
- Mid-rail: 142mm
- Muntin: 108mm

Minimum and maximum sizes

May vary depending on door design

Single door

- Minimum width / height 600mm / 840mm
- Maximum width / height 1060mm / 2400mm

Double doors

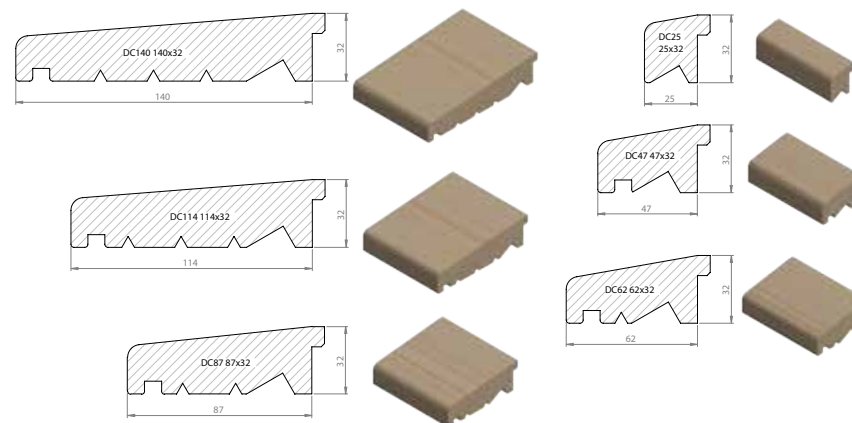
- Minimum width / height 1170mm / 1896mm
- Maximum width / height 1980mm / 2400mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. To fit an external cill extension, you must have a 44mm sub-sole under the threshold. The sub-sole is the full 92mm width of the frame.

Cill Extension dimensions

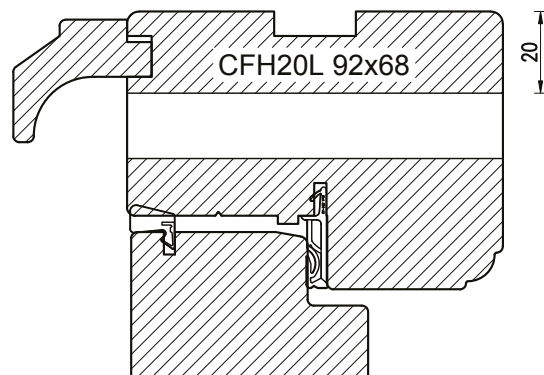
- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Head drips

Doors are fitted with a head drip as standard. If required, the door can be prepared for the head drip and the head drip sent loose and fitted on site. The head drip groove is 10mm wide and 7mm deep.



Packers / frame extensions

Packers are available on all doors. They can be fitted to the side and top.

Packer sizes available

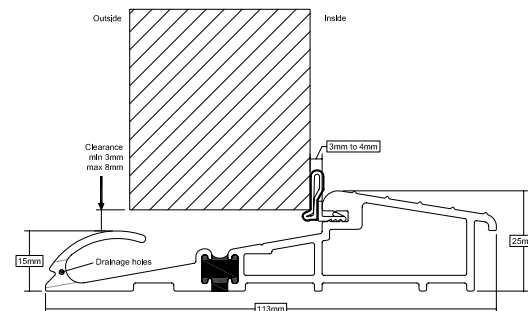
- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Threshold

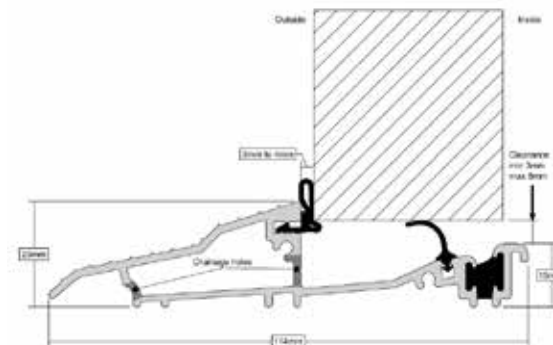
Outward opening doors

- Stormguard AM5 Threshold. Available in Satin or Gold
- Threshold is 113mm wide and 25mm high



Inward opening doors

- Stormguard AM3 Threshold. Available in Satin or Gold
- Threshold is 114mm wide and 25mm high



When measuring inward-opening doors, always allow for the internal floor height. In many instances, a sub-sole will be required to accommodate the internal flooring.

Finish / colours

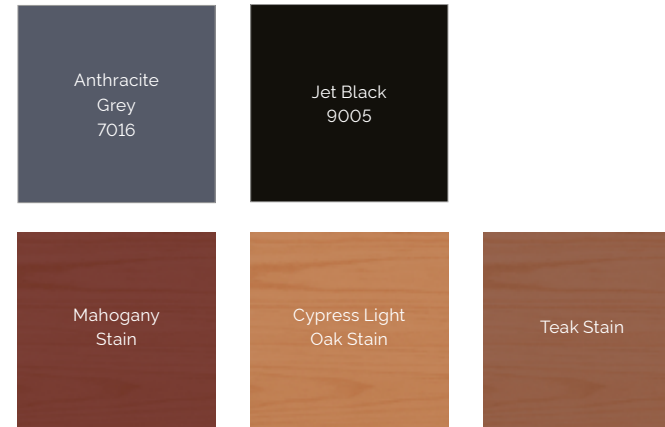
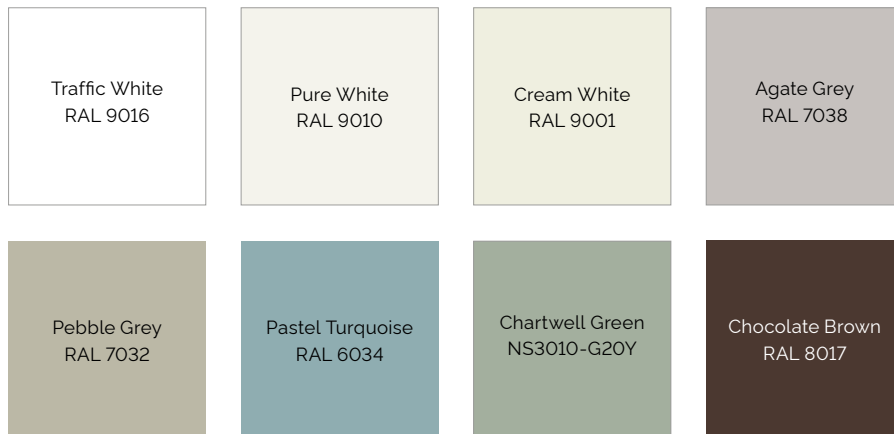
As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we can also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Hinges

- Zinc butt hinges

Handle position (from underside of door leaf)

Single doors

- Centre point for doors less than 1639mm high
- 950mm for doors between 1640mm up to 1939mm high
- 1050mm for doors more than 1940mm high

Double doors

- Centre point for doors less than 1730mm high
- 950mm for doors between 1729mm up to 1819mm high
- 978mm for doors between 1820mm up to 1954mm high
- 1050mm for doors more than 1953mm high

Locking mechanism and cylinder

Single door: Cobra Primary multi-point 2070 locking system

Double doors: FGTE-STV primary & secondary locks with STV-A372 & STV-ASS A372A shootbolts

Cylinder: Brisant-Ultion 3-star cylinder

Crafted Door hardware



Balmoral door handle

White, chrome, gold, graphite, antique black, black



Balmoral swan neck handle

Chrome, gold, graphite, antique black

Hand Crafted Range



Avon door handle

Black, pewter



Cottage Slimline handle

Black, pewter



Monkey tail handle

Black, pewter



Oval escutcheon

White, chrome, gold, graphite, antique black, black



Standard letterbox

White, chrome, gold, graphite, antique black, pewter, black



Decorative door knob

White, chrome, gold, graphite, antique black, black



Architectural letter plate

Chrome, gold, antique black, graphite, pewter, forged black



Stainless steel pull handle



Finger pull

White, chrome, gold, graphite, antique black, black



Bull ring knocker

Chrome, gold, graphite, antique black, black

Security cylinder

Our cylinder is possibly the strongest and best locking cylinder on the market. Designed to withstand every type of attack, the cylinder activates lock down mode when under attack, preventing unwanted visitors from gaining access. The cylinder comes with 3 keys as standard.



Trickle vents

Trickle vents can be fitted only to the head of the door. Trickle vents are visible on the outside and inside of the door. On the outside, the door will be fitted with a head drip above the vent (this can be omitted).

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan brothers fit a 425mm vent (size permitting)

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)



Double glazing

As a standard, all doors are delivered with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 w / m²K

Other glazing options available

- Toughened (toughened both sides): Uw 1.2 W / m²K
- Laminated / toughened (laminated out / toughened in): Uw 1.2 W / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

All glazed doors are fitted with toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

Doors can be delivered with 28mm low-energy glazing with a black warm edge spacer. The Ug of the triple glazing is 0.8 W / m²K.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure pane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Satinovo, Minster, Stippolyte, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

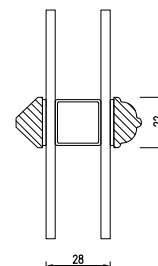
Bonded / astragal bars

Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

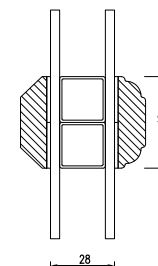
We offer 3 bar widths

- 22mm (standard, made from Q-wood unless it's a Stain Colour)
- 40mm (made from timber)
- 56mm (made from timber)

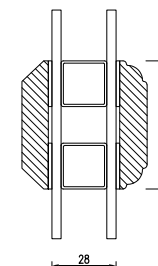
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Solid bar

We offer a solid 56mm through-bar. An externally beaded door has an ovolo profile on the inside and a bevel profile on the outside (formed by the glazing bead). An internally beaded door has the ovolo profile on the inside (formed by the glazing bead) and the bevel profile on the outside.

Mid-rail / muntin

We offer two mid-rail / muntin profiles

- 108mm solid through-profile (made from timber)
- 142mm solid through-profile (made from timber)

Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 92mm frame
- 28mm low-energy glazing
- Argon gas
- Black warm edge spacer
- Balmoral door handle, Chrome
- Colour RAL 9016
- Head drip
- Screws: Stainless Steel
- Weatherstrip in white
- Threshold in Satin

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed Unit
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

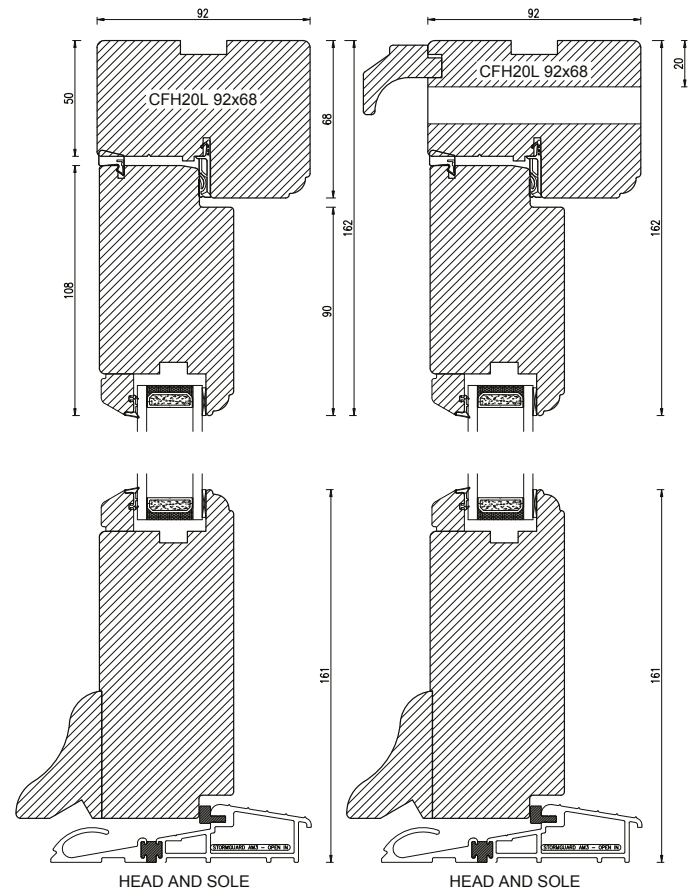
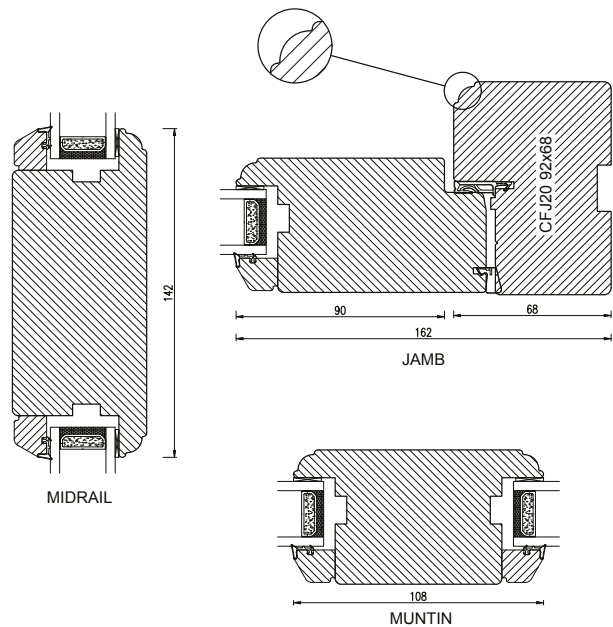
- Secured by Design
- PAS24 (Q-mark)
- ISO9001
- FSC certified wood

Thermal performance

- 1.4 W / m²K (double glazing)

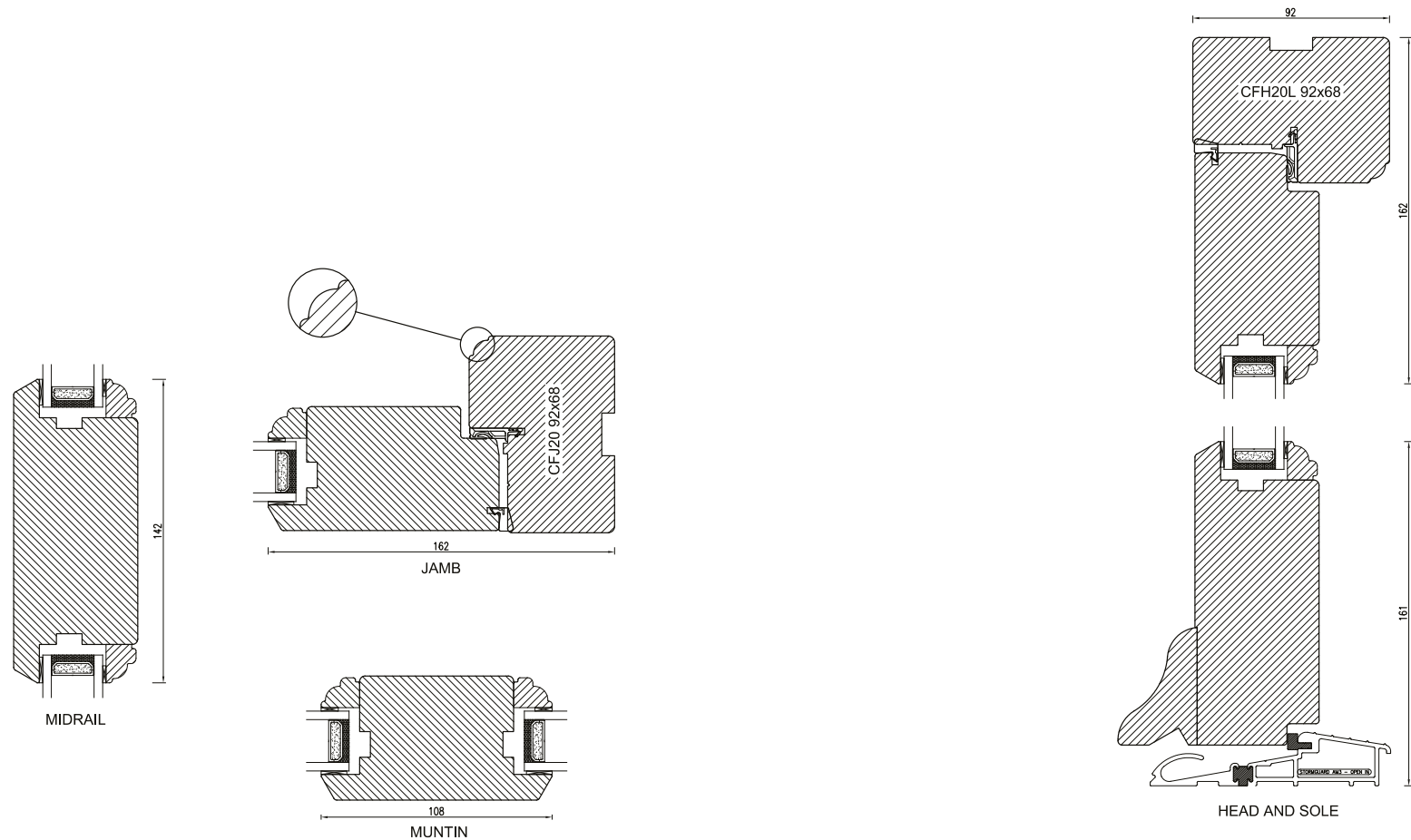
Section drawing – Crafted Door – single / double, outward opening

Externally glazed sections



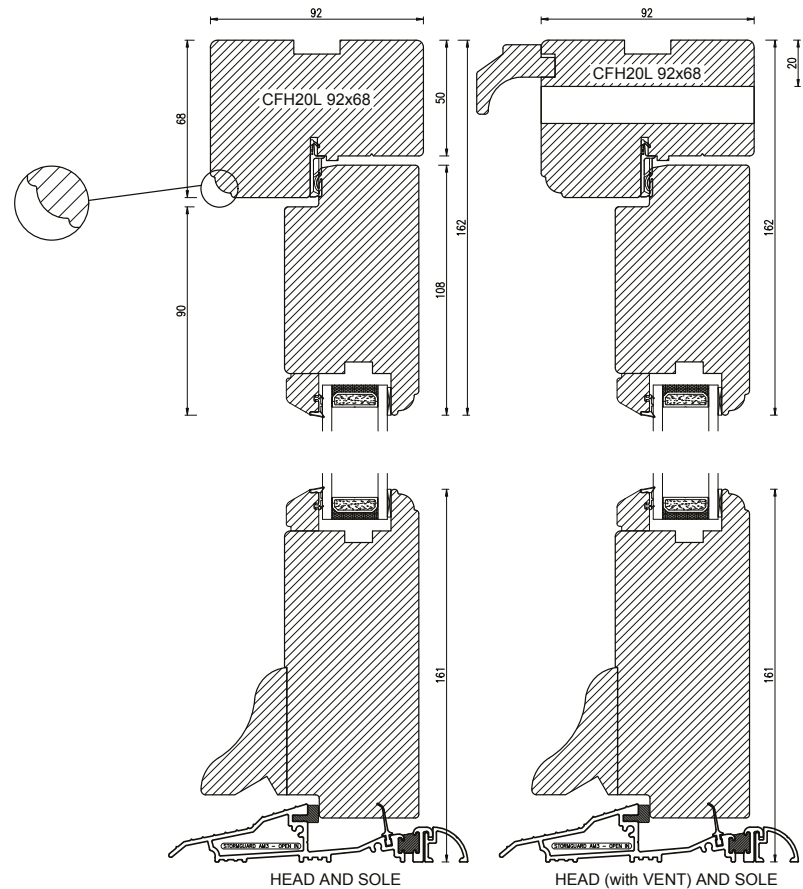
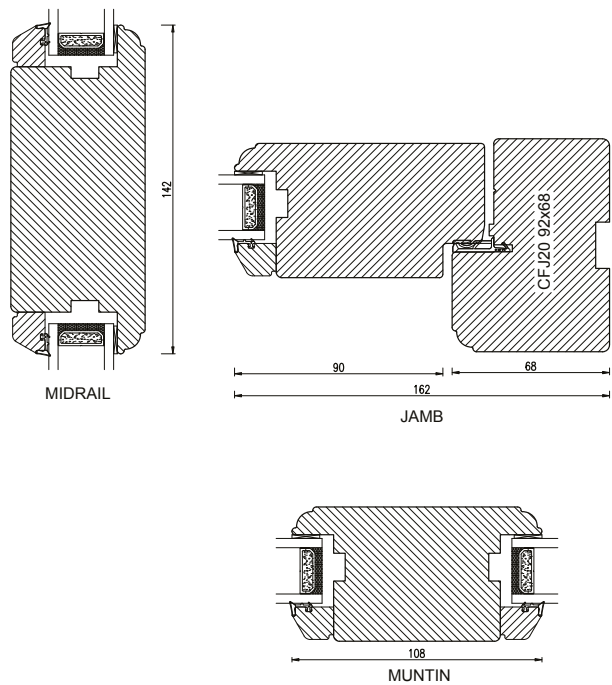
Section drawing – Crafted Door – single / double, outward opening

Internally glazed sections



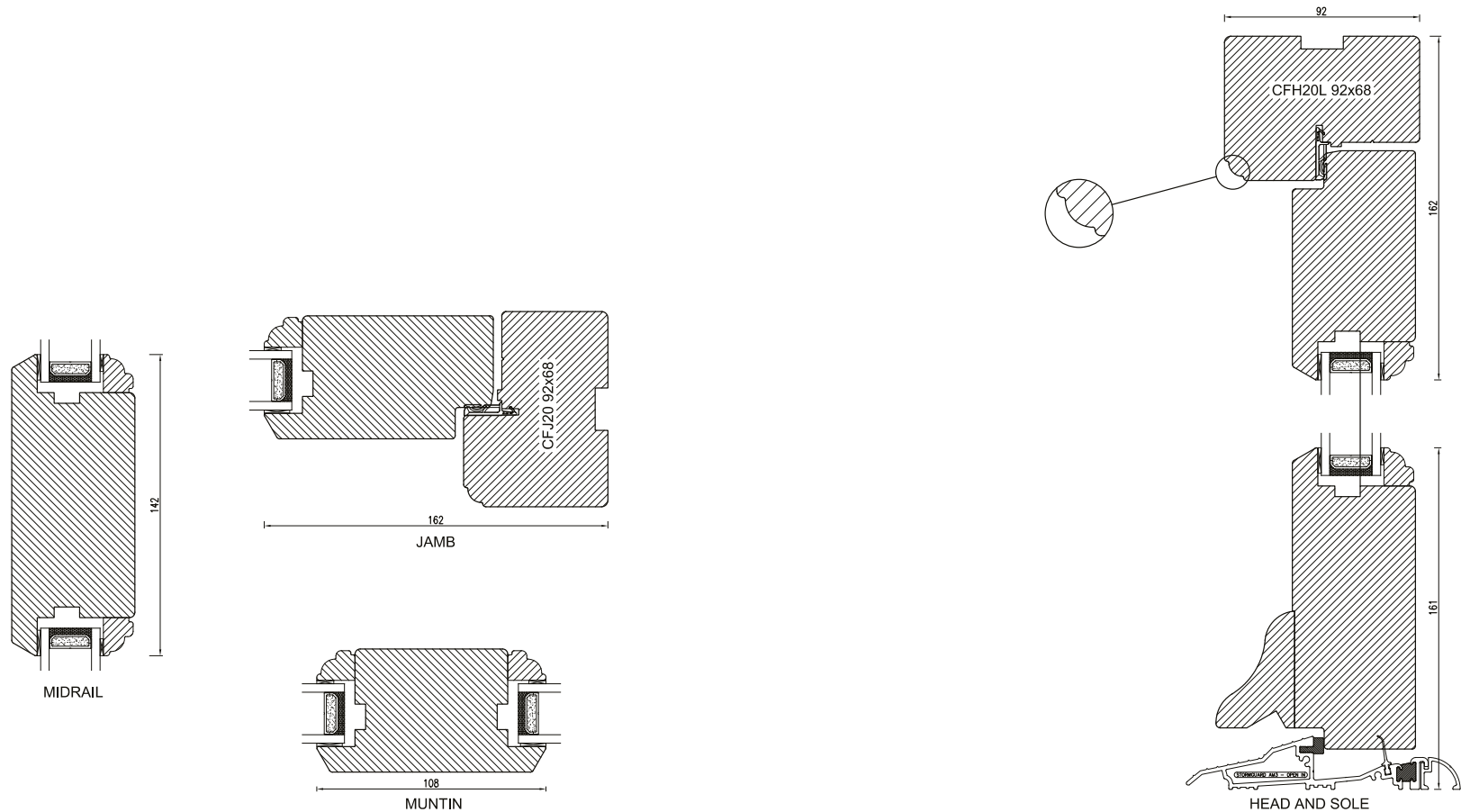
Section drawing – Crafted Door – single / double, inward opening

Externally glazed sections



Section drawing – Crafted Door – single / double, inward opening

Internally glazed sections



Heritage Doors



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

Made-to-measure from solid timber, our Heritage Doors have been carefully crafted to complement the character of listed buildings and older properties in conservation areas. The doors are externally beaded and can be made as single or double doors.

Opening options

Inward opening or outward opening.



Inward opening



Outward opening

Door materials

Standard door timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Design features

- 9mm external beading
- Vents are visible on outside of the frame
- A head drip is fitted as standard
- 24mm solid timber through-bars
- Traditional washboard at the bottom of the door
- Double doors: A shadow groove creates the appearance of an equal divide between the primary and secondary leaves. The shadow groove is positioned on the inside of the secondary leaf and on the outside of the primary leaf.

Outward opening doors

- Visible door butt hinges on the outside
- Ovolo mould on the inside of the frame
- Stormguard AM5 Threshold. Available in Satin or Gold

Inward opening doors

- Visible door butt hinges on the inside
- Ovolo mould on the outside of the frame
- Stormguard AM3 Threshold. Available in Satin or Gold

Dimensions

- Frame depth: 92mm
- Frame height: 68mm
- Mid-rail: 142mm
- Muntin: 108mm

Minimum and maximum sizes

Sizes are restricted by the maximum sizes of slimline Heritage glass. An individual pane can maximum be 800 x 1000mm.

Single door

- Minimum width / height 600mm / 840mm
- Maximum width / height 1060mm / 2400mm

Double doors

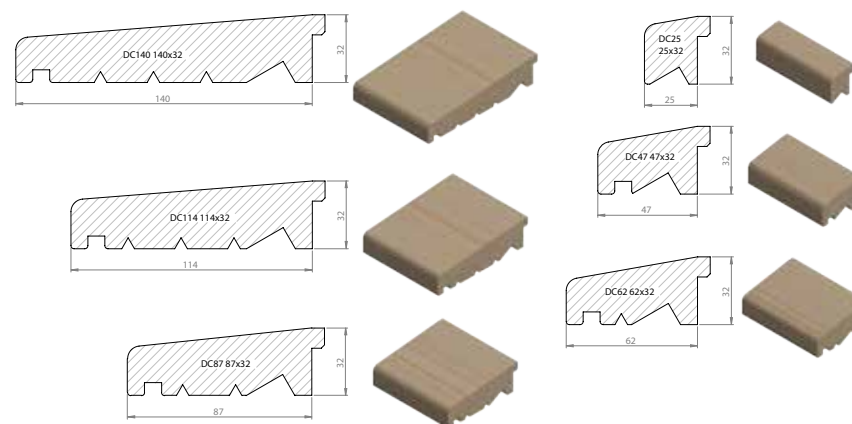
- Minimum width / height 1170mm / 1896mm
- Maximum width / height 1980mm / 2400mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. To fit an external cill extension, you must have a 44mm sub-sole under the threshold. The sub-sole is the full 92mm width of the frame.

Cill Extension dimensions

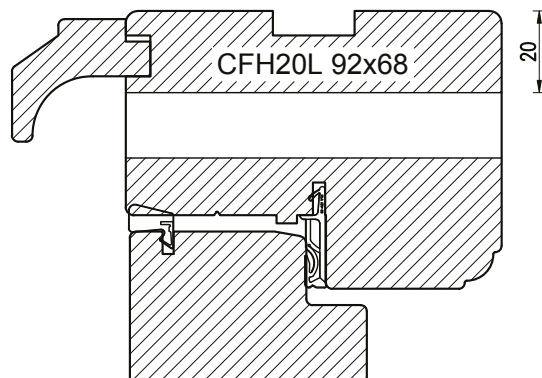
- Width: 25mm, 47mm, 62mm, 87mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Head drips

Doors are fitted with a head drip as standard. If required, the door can be prepared for the head drip and the head drip sent loose and fitted on site. The head drip groove is 10mm wide and 7mm deep.



Packers / frame extensions

Packers are available on all doors. They can be fitted to the side and top.

Packer sizes available

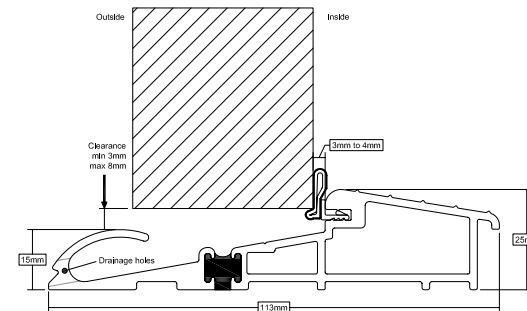
- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Threshold

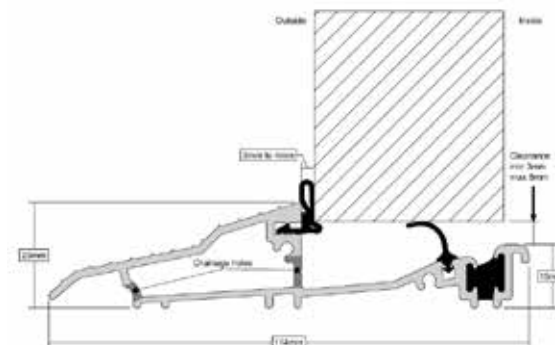
Outward opening doors

- Stormguard AM5 Threshold. Available in Satin or Gold
- Threshold is 113mm wide and 25mm high



Inward opening doors

- Stormguard AM3 Threshold. Available in Satin or Gold
- Threshold is 114mm wide and 25mm high



When measuring inward-opening doors, always allow for the internal floor height. In many instances, a sub-sole will be required to accommodate the internal flooring.

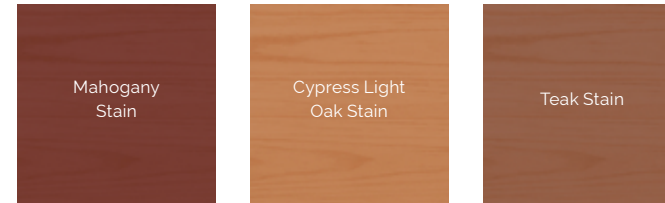
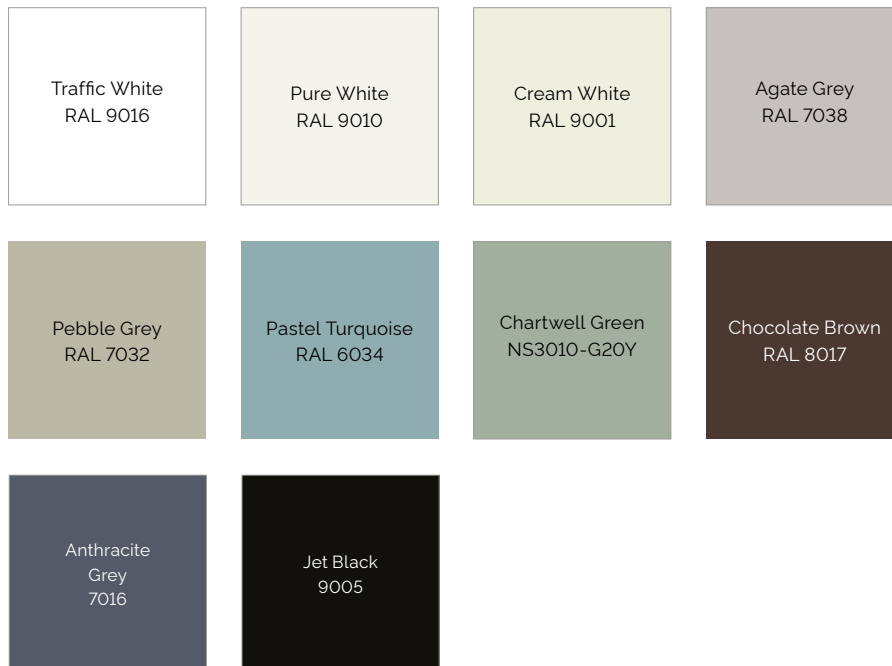
Finish / colours

As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we can also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Standard colours & stains



Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Hinges

- Zinc butt hinges (standard)
- Premium butt hinges in different colours available

Handle position (from underside of door leaf)

Single doors

- Centre point for doors less than 1639mm high
- 950mm for doors between 1640mm up to 1939mm high
- 1050mm for doors more than 1940mm high

Double doors

- Centre point for doors less than 1730mm high
- 950mm for doors between 1729mm up to 1819mm high
- 978mm for doors between 1820mm up to 1953mm high
- 1050mm for doors more than 1953mm high

Locking mechanism and cylinder

Single door: Cobra Primary multi-point 2070 locking system

Double doors: FGTE-STV primary & secondary locks with STV-A372 & STV-ASS A372A shootbolts

Cylinder: Brisant-Ultion 3-star cylinder

Standard Heritage door hardware



Balmoral door handle

White, chrome, gold, graphite, antique black, black



Balmoral swan neck handle

Chrome, gold, graphite, antique black

Hand Crafted Range



Avon door handle

Black, pewter



Cottage Slimline handle

Black, pewter



Monkey tail handle

Black, pewter



Oval escutcheon

White, chrome, gold, graphite, antique black, black



Standard letterbox

White, chrome, gold, graphite, antique black, pewter, black



Decorative door knob

White, chrome, gold, graphite, antique black, black



Architectural letter plate

Chrome, gold, antique black, graphite, pewter, forged black



Stainless steel pull handle



Finger pull

White, chrome, gold, graphite, antique black, black



Bull ring knocker

Chrome, gold, graphite, antique black, black

Security cylinder

Our cylinder is possibly the strongest and best locking cylinder on the market. Designed to withstand every type of attack, the cylinder activates lock down mode when under attack, preventing unwanted visitors from gaining access. The cylinder comes with 3 keys as standard.



Trickle vents

Trickle vents can be fitted only to the head of the door. Trickle vents are visible on the outside and inside of the door. On the outside, the door will be fitted with a head drip above the vent (this can be omitted).

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan brothers fit a 425mm vent.

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)



Heritage glazing and panels

Heritage doors are supplied with 14mm Slimline Heritage Double Glazing (4-6-4):

- Float glass – standard, non-toughened glass to both sides.
Standard Ug-value: 2.1 W/m²K
- Toughened glass – toughened glass to both sides.
Standard Ug-value: 2.1 W/m²K

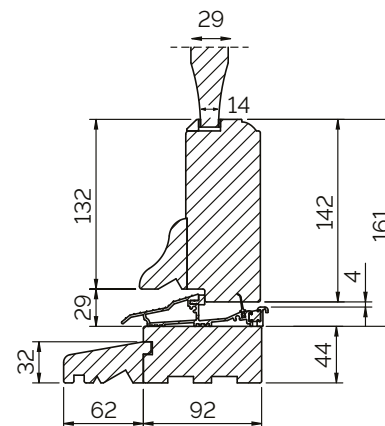
All glazed doors are fitted with toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- Optional: White, Warm Edge (text printed in light grey)

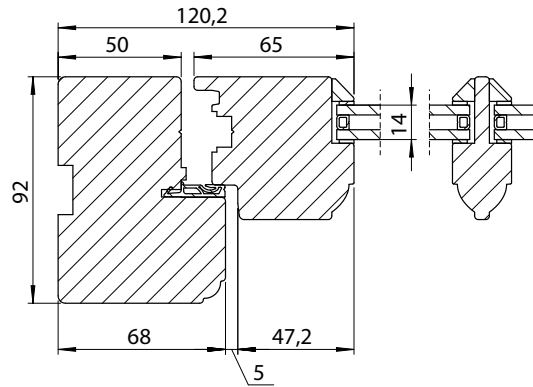
Door panels (uninsulated MDF):

- 14mm flush panel – available with either a flush or grooved finish
- Raised and fielded panel (14mm / 29mm) – as pictured below



Bars

The Heritage doors feature a 24mm solid through-bar with an ovolo mould on the inside. The bar is made from timber.



Mid-rail / muntin

We offer two mid-rail / muntin profiles

- 108mm solid through-profile (made from timber)
- 142mm solid through-profile (made from timber)

Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 92mm frame
- 14mm Slimline Heritage glazing (toughened)
- Argon gas
- Black warm edge spacer
- Balmoral door handle, Chrome
- Colour RAL 9016
- Head drip
- Screws: Stainless Steel
- Threshold, Satin
- 44mm sub-sole with 62mm cill extension
- Weatherstrip in white
- 142mm mid-rail
- Zinc door hinges

Warranties

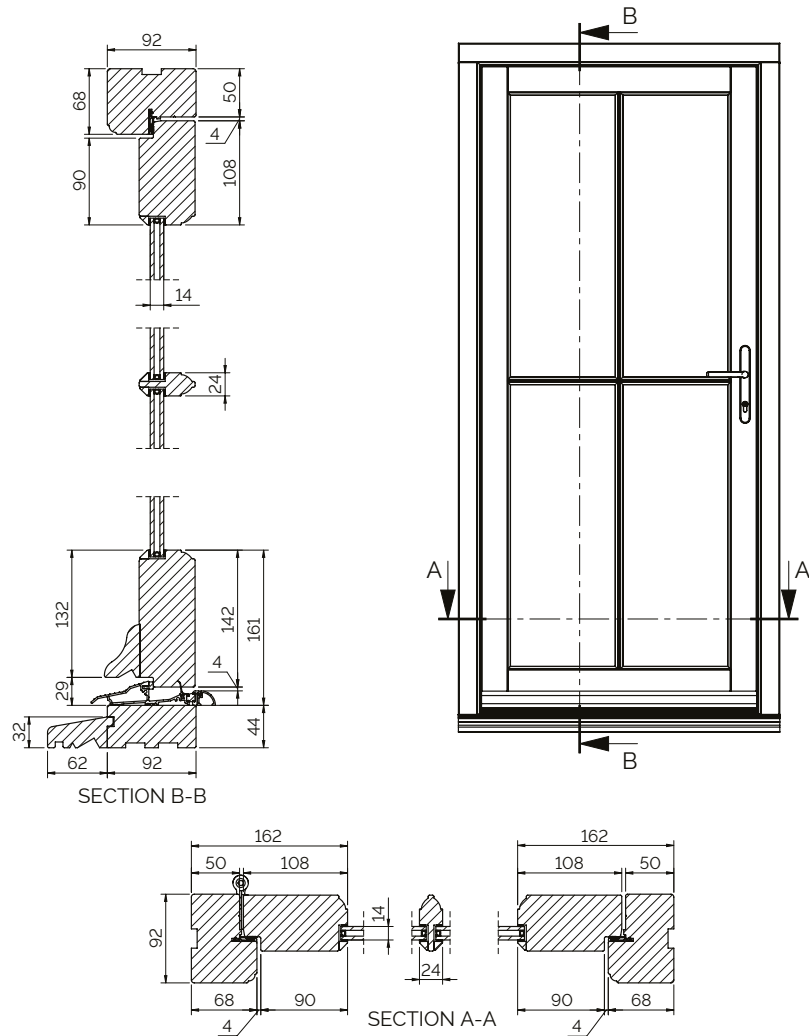
- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed Unit
- 5 Years – Hardware / ironmongery, heritage glazing, stained finish, black Paint

Certifications

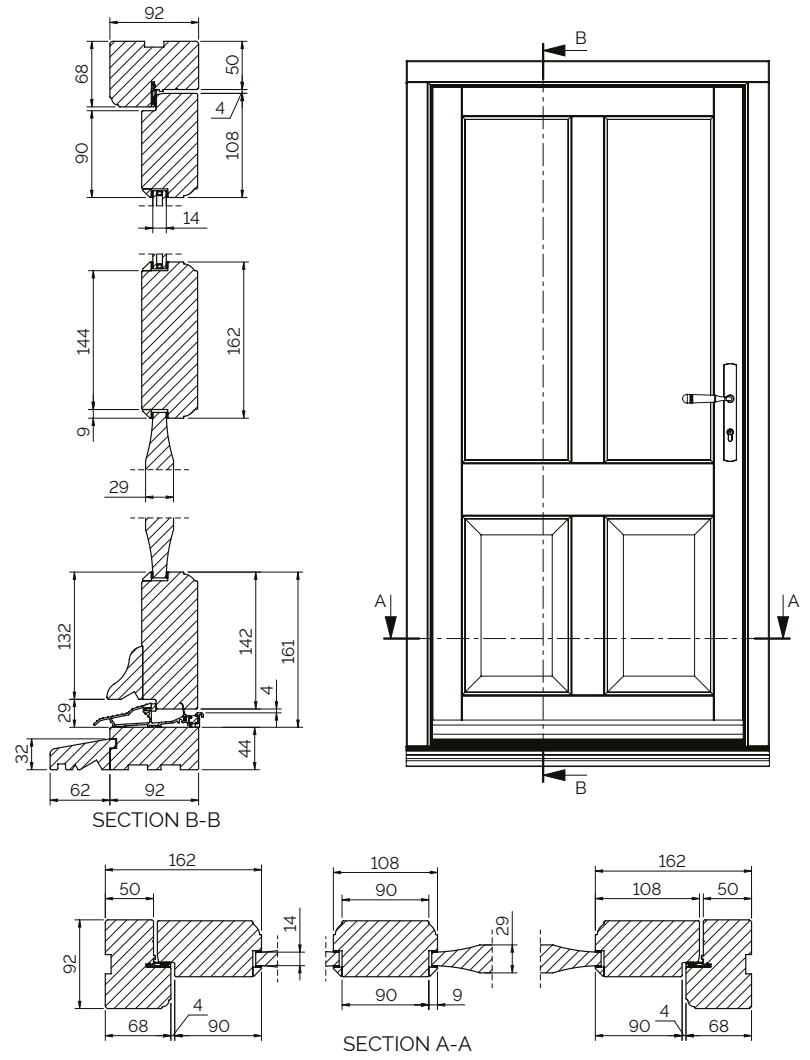
- ISO9001
- FSC certified wood

Heritage Doors, Single, Inward opening

Heritage glazing and 24mm solid bars

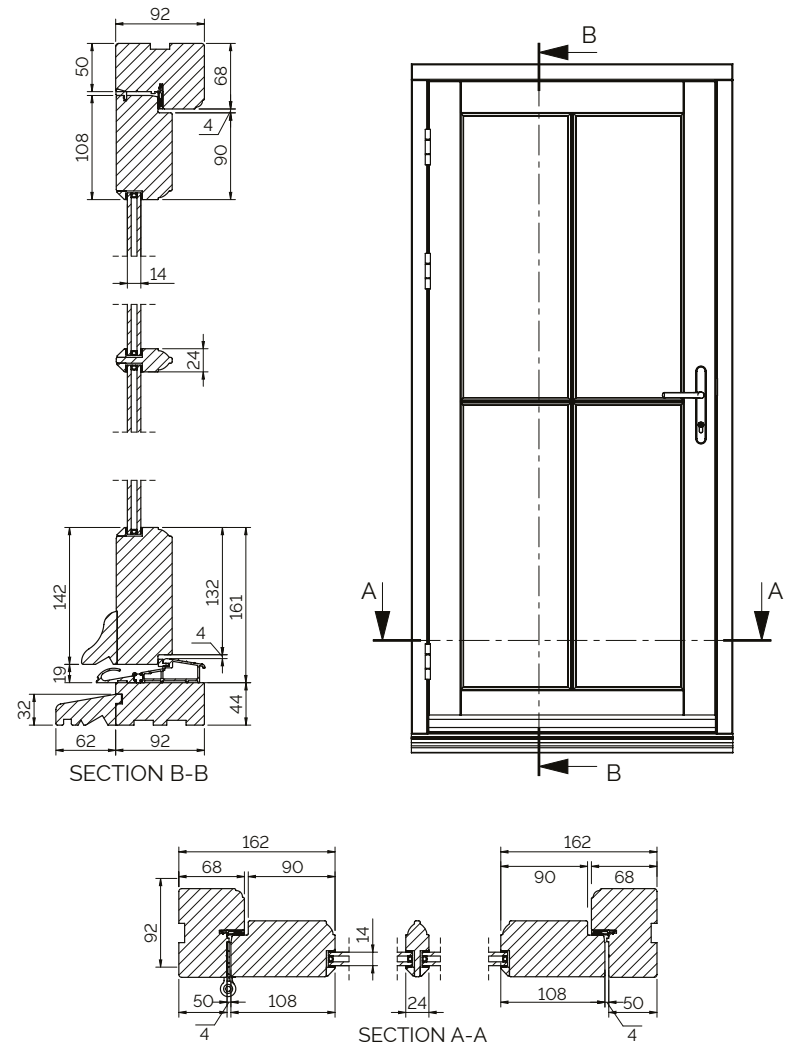


Heritage glazing, mid-rail and raised and fielded panel



Heritage Doors, Single, Outward opening

Heritage glazing and 24mm solid bars

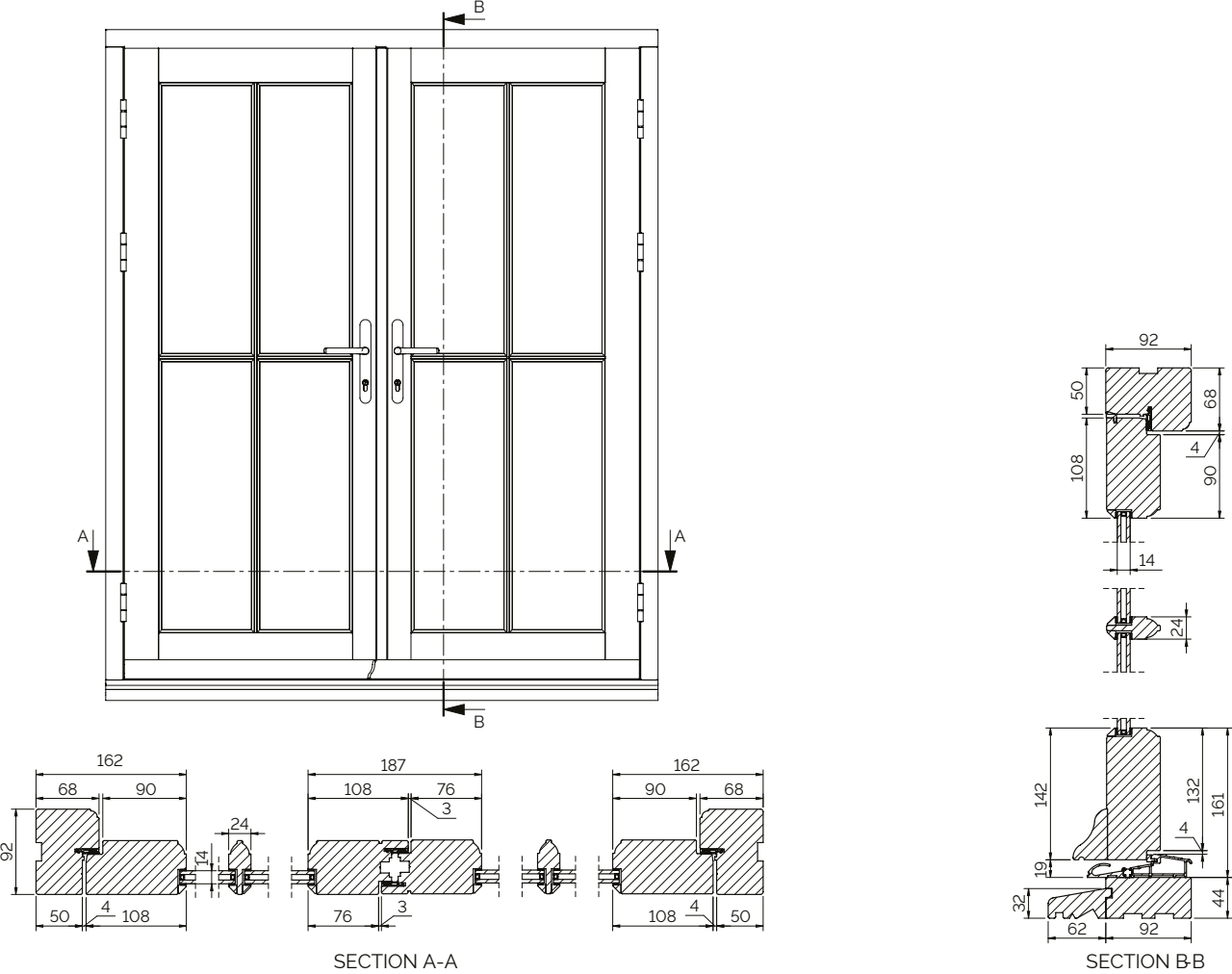


Heritage glazing and 24mm solid bars



Heritage Doors, Double, Outward opening

Heritage glazing and 24mm solid bars



Composite Entrance Doors (Scotdoors)



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

Made to measure composite entrance door customised to suit your individual taste, our Scotdoor create a classic or contemporary look, embellished with a choice of hand-crafted and bespoke features. Scotdoors are externally beaded, can be single or double, and can open inwards or outwards.

Door materials

Door Frame

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Door blank

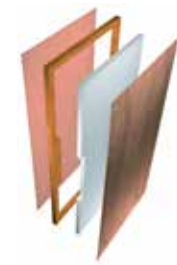
- Stiles and rails: Engineered softwood
- Door blank: Chen-Chen veneer on cross banded plywood with 0,3mm aluminium
- Door blank core: Polystyrene insulation and 2 x 9mm plywood
- Secured by Design accredited



Cross section



Security door blank



Door blank build-up

Design features

- The Scotdoor is externally beaded / glazed
- Vents are visible on outside of the frame. A head drip is fitted as standard.
- Fixed sidelights (dummy sashes) can have concealed vents.
- Fixed glazed-to-frame sidelights cannot have vents
- Traditional wash board at the bottom of the door
- Double doors: A cover facing is fitted to the inside and outside to conceal the clearance between the two door leaves

Outward opening doors

- Visible door butt hinges on the outside
- Ovolo mould on the inside of the frame
- Stormguard AM5 Threshold. Available in Satin or Gold

Inward opening doors

- Visible door butt hinges on the inside
- Ovolo mould on the outside of the frame
- Stormguard AM3 Threshold. Available in Satin or Gold

Dimensions

- Frame depth: 92mm
- Frame width: 68mm

Minimum and maximum sizes

May vary depending on door design

Single door

- Minimum width / height 850mm / 1860mm
- Maximum width / height 1060mm / 2260mm

Double doors

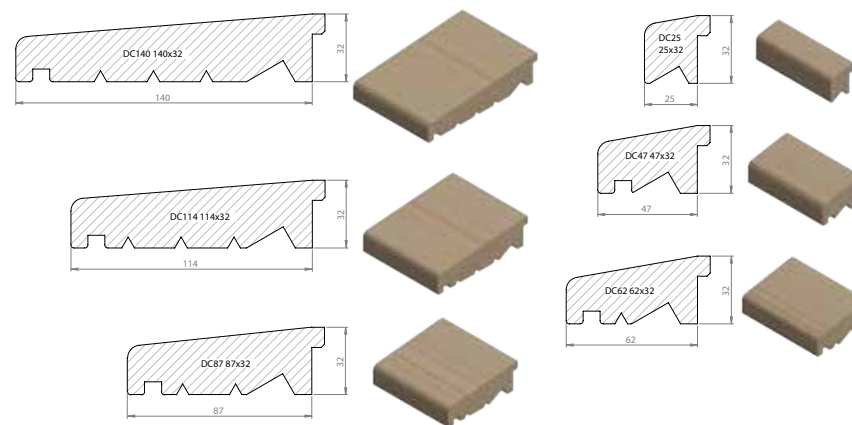
- Minimum width / height 1100mm / 1896mm
- Maximum width / height 1980mm / 2260mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. To fit an external cill extension, you must have a 44mm sub-sole under the threshold. The sub-sole is the full 92mm width of the frame.

Cill Extension dimensions

- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Locking mechanism and cylinder

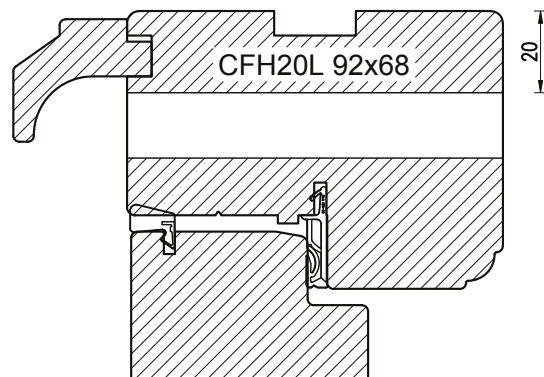
Single door: Cobra Primary multi-point 2070 locking system

Double doors: FGTE-STV primary & secondary locks with STV-A372 & STV-ASS A372A shootbolts

Cylinder: Brisant-Ultion 3-star cylinder

Head drips

Doors are supplied with a head drip as standard. If required, the door can be prepared for the head drip and the head drip sent loose and fitted on site. The head drip groove is 10mm wide and 7mm deep.



Packers / frame extensions

Packers are available on all doors. They can be fitted to the side and top.

Packer sizes available

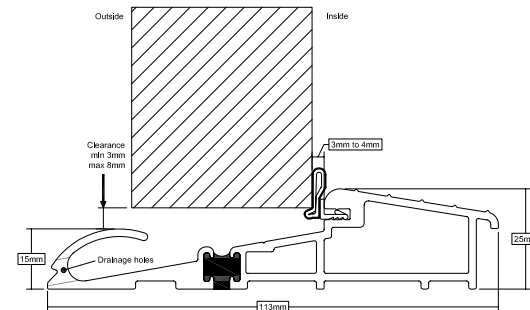
- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Threshold

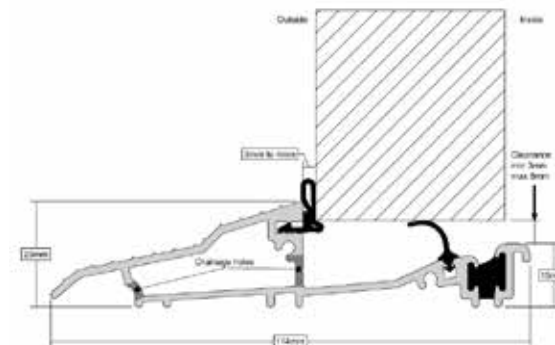
Outward opening doors

- Stormguard AM5 Threshold. Available in Satin or Gold
- Threshold is 113mm wide and 25mm high



Inward opening doors

- Stormguard AM3 Threshold. Available in Satin or Gold
- Threshold is 114mm wide and 25mm high



When measuring inward-opening doors, always allow for the internal floor height. In many instances, a sub-sole will be required to accommodate the internal flooring.

Finish / colours

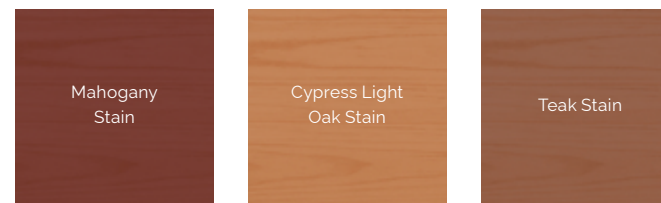
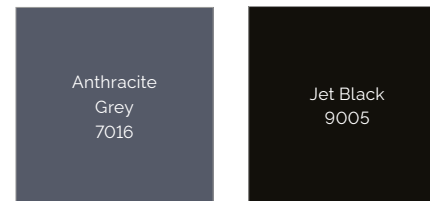
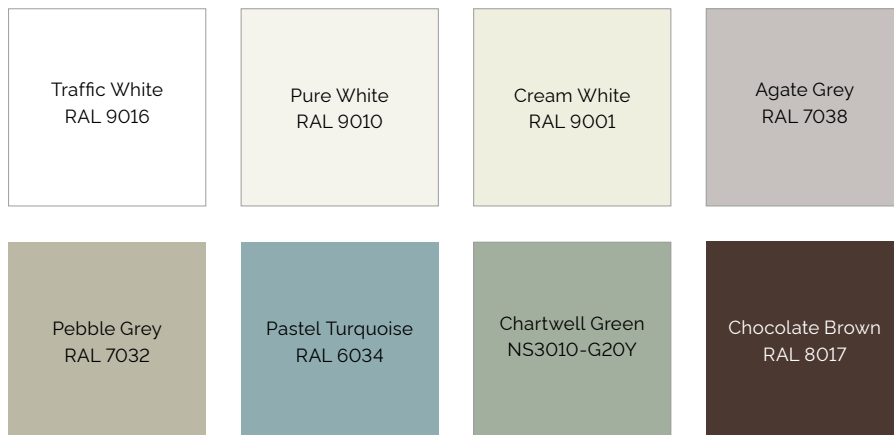
As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we can also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Hinges

- Zinc butt hinges

Handle position (from underside of door leaf)

Single doors

- Centre point for doors less than 1639mm high
- 950mm for doors between 1640mm up to 1939mm high
- 1050mm for doors more than 1940mm high

Double doors

- Centre point for doors less than 1730mm high
- 950mm for doors between 1729mm up to 1819mm high
- 978mm for doors between 1820mm up to 1954mm high
- 1050mm for doors more than 1953mm high

Scotdoor / Composite Entrance Doors hardware



Balmoral door handle

White, chrome, gold, graphite, antique black, black



Balmoral swan neck handle

Chrome, gold, graphite, antique black

Hand Crafted Range



Avon door handle

Black, pewter



Cottage slimline handle

Black, pewter



Monkey tail handle

Black, pewter



Oval escutcheon

White, chrome, gold, graphite, antique black, black



Standard letterbox

White, chrome, gold, graphite, antique black, pewter, black



Decorative door knob

White, chrome, gold, graphite, antique black, black



Architectural letter plate

Chrome, Gold, antique black, graphite, pewter, forged Black



Stainless steel pull handle



Finger pull

White, chrome, gold, graphite, antique black, black



Bull ring knocker

Chrome, gold, graphite, antique black, black

Security cylinder

Our cylinder is possibly the strongest and best locking cylinder on the market. Designed to withstand every type of attack, the cylinder activates lock down mode when under attack, preventing unwanted visitors from gaining access. The cylinder comes with 3 keys as standard.



Trickle vents

Trickle vents can be fitted only to the head of the door. Trickle vents are visible on the outside and inside of the door. On the outside, the door will be fitted with a head drip above the vent (this can be omitted)

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan Brothers fit a 425mm vent.

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)



Double glazing

Doors can be supplied with glass panels. The glass panel is a 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 W / m²K.

Other glazing options available

- Toughened (toughened both sides): Uw 1.2 W / m²K
- Laminated / toughened (Laminated out / toughened in): Uw 1.2 W / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

All glazed doors are fitted with toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure pane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Stippolyte, Satinovo, Minster, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available for glass panels:

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

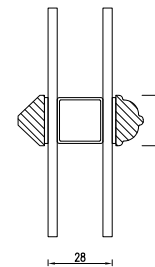
Bonded / astragal bars

Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

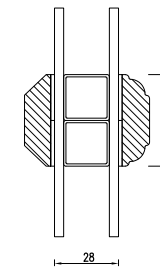
We offer 3 bar widths

- 22mm (standard, made from Q-wood unless it's a Stain Colour)
- 40mm (made from timber)
- 56mm (made from timber).

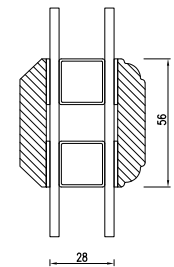
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 92mm frame
- Argon gas
- Black warm edge spacer
- Balmoral door handle, Chrome
- Colour RAL 9016
- Head drip
- Screws: Stainless Steel
- Weatherstrip in white
- Threshold, Satin

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed unit
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

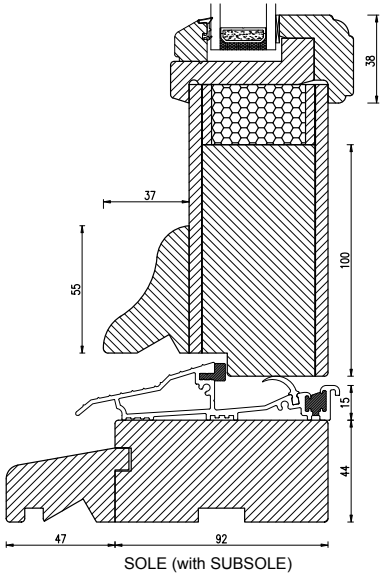
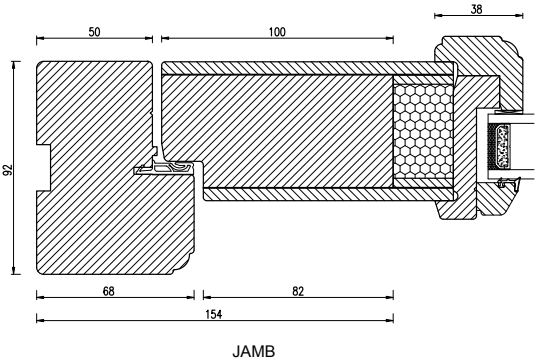
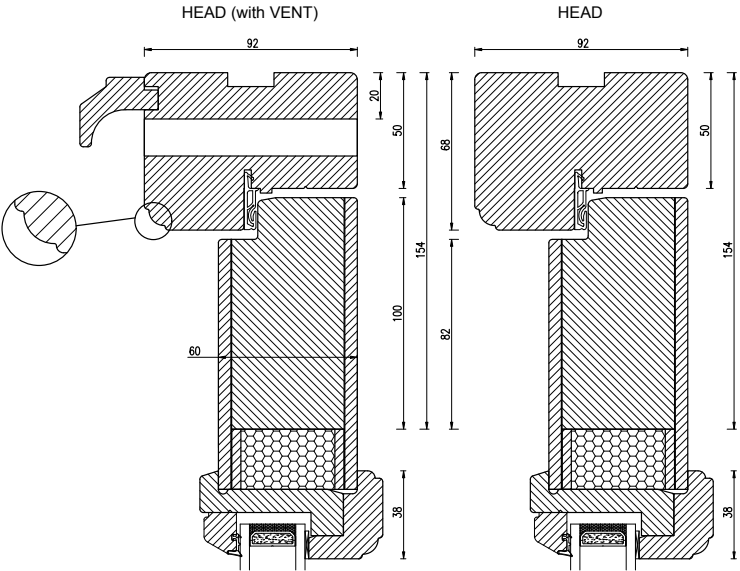
- Secured by Design
- PAS24 (Q-mark)
- ISO9001

Thermal performance

- 1.2 W / m²K (double glazing)

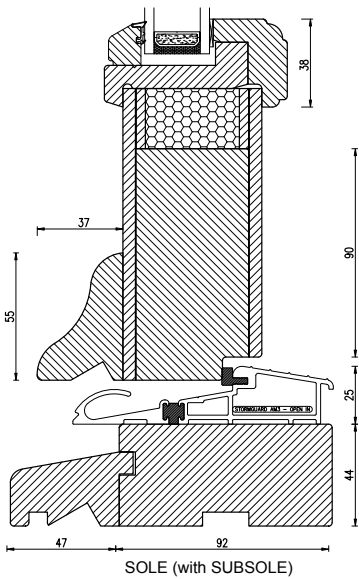
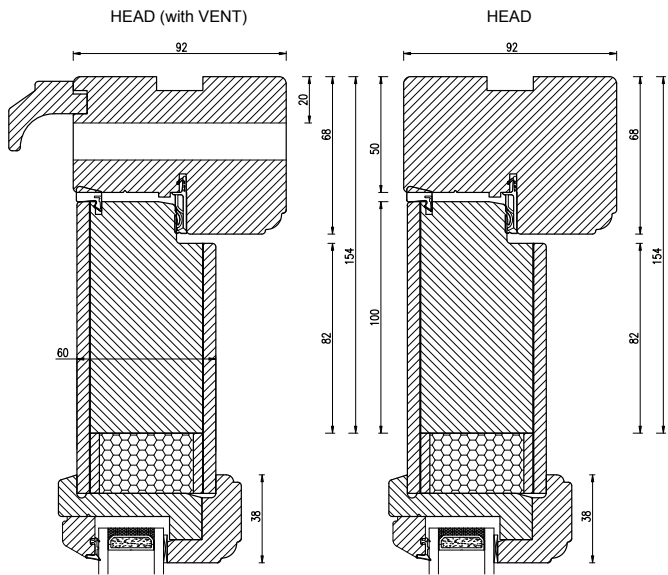
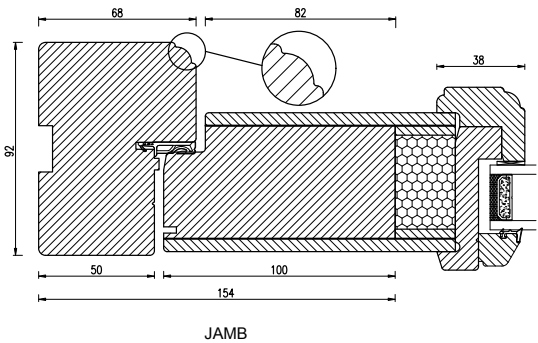
Scotdoor, inward opening

Externally glazed sections



Scotdoor, outward opening

Externally glazed sections



Crafted Stable Doors



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

A Crafted stable door combines traditional charm with modern practicality, featuring a split design that allows the top half to open independently of the bottom half. Perfect for adding character, ventilation, and security to your home. The door can be outward or inward opening.

Door materials

Standard door timber

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Softwood with Hardwood Cill
- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Design features

- The crafted Stable Door is externally beaded
- Vents are visible on outside of the frame
- A head drip is fitted as standard
- Traditional weather board at the bottom of the door
- Split door design allowing the top half to open independently of the bottom half

Outward opening doors

- Visible door butt hinges on the outside
- Ovolo mould on the inside of the frame
- Stormguard AM5 Threshold. Available in Satin or Gold

Inward opening doors

- Visible door butt hinges on the inside
- Ovolo mould on the outside of the frame
- Stormguard AM3 Threshold. Available in Satin or Gold

Dimensions

- Frame depth: 92mm
- Frame width: 68mm

Minimum and maximum sizes

Single door

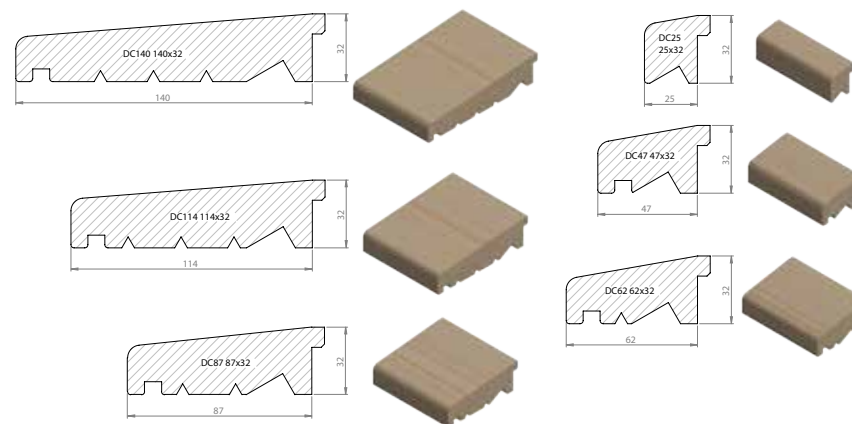
- Minimum width / height 600mm / 840mm
- Maximum width / height 1060mm / 2260mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. To fit an external cill extension, you must have a 44mm sub-sole under the threshold. The sub-sole is the full 92mm width of the frame.

Cill Extension dimensions

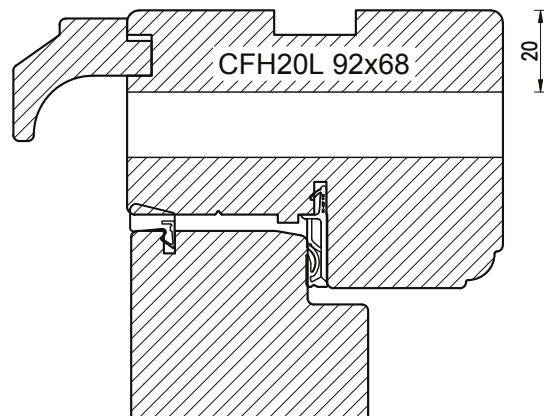
- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Head drips

Doors are fitted with a head drip as standard. If required, the door can be prepared for the head drip and the head drip sent loose and fitted on site. The head drip groove is 10mm wide and 7mm deep.



Packers / Frame extensions

Packers are available on all doors. They can be fitted to the side and top.

Packer sizes available

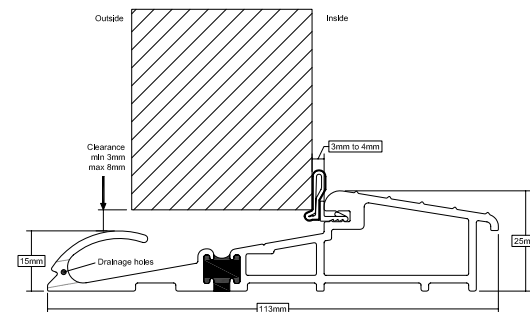
- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product.

Threshold

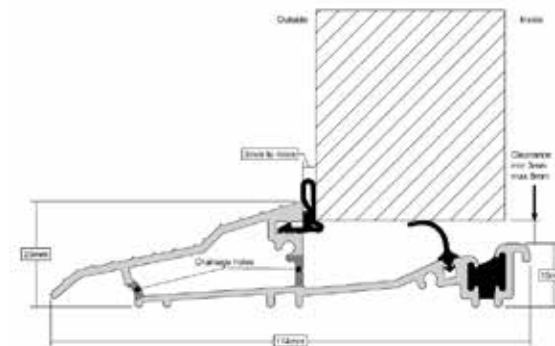
Outward opening doors

- Stormguard AM5 Threshold. Available in Satin or Gold
- Threshold is 113mm wide and 25mm high



Inward opening doors

- Stormguard AM3 Threshold. Available in Satin or Gold
- Threshold is 114mm wide and 25mm high



When measuring inward-opening doors, always allow for the internal floor height. In many instances, a sub-sole will be required to accommodate the internal flooring.

Finish / colours

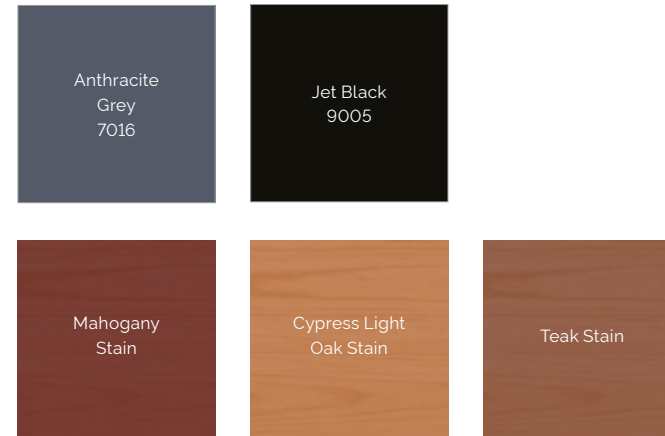
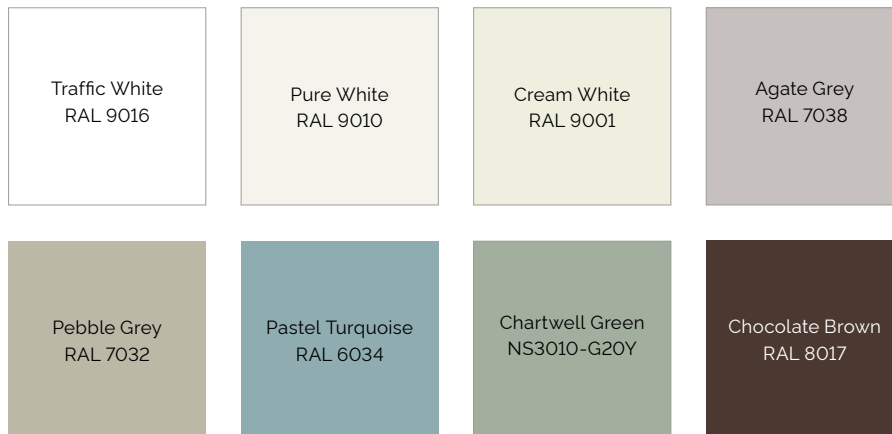
As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we can also offer

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Hinges

- Zinc butt hinges

Locking system / ironmongery

Bottom half

- The bottom half has a Shootbolt that locks into the top leaf. Disengaging the Shootbolt allows the top leaf to be opened independently.
- A thumbturn on the inside of the door activates a Hookbolt and strike, which engage keeps secured to the frame, locking the door.

Top half

- A Hookbolt and latch engage the keeps, locking the door.

Crafted Stable Doors hardware



Balmoral door handle

White, chrome, gold, graphite, antique black, black



Balmoral swan neck handle

Chrome, gold, graphite, antique black

Hand Crafted Range



Avon door handle

Black, pewter



Cottage slimline handle

Black, pewter



Monkey tail handle

Black, pewter



Oval escutcheon

White, chrome, gold, graphite, antique black, black



Standard letterbox

White, chrome, gold, graphite, antique black, pewter, black



Decorative door knob

White, chrome, gold, graphite, antique black, black



Architectural letter plate

Chrome, gold, antique black, graphite, pewter, forged black



Finger pull

White, chrome, gold, graphite, antique black, black



Bull ring knocker

Chrome, gold, graphite, antique black, black

Security cylinder

Our cylinder is possibly the strongest and best locking cylinder on the market.

Designed to withstand every type of attack, the cylinder activates lock down mode when under attack, preventing unwanted visitors from gaining access. The cylinder comes with 3 keys as standard.



Trickle vents

Trickle vents can be fitted only to the head of the door. Trickle vents are visible on the outside and inside of the door. On the outside, the door will be fitted with a head drip above the vent (this can be omitted)

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan brothers fit a 425mm vent (size permitting).

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)



Double glazing

As a standard, all doors are delivered with 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 W / m²K

Other glazing options available

- Toughened (toughened both sides): Uw 1.2 W / m²K
- Laminated / toughened (laminated out / toughened in): Uw 1.2 W / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

All glazed doors are fitted with toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure pane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Satinovo, Minster, Stippolyte, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

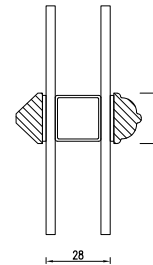
Bonded / astragal bars

Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

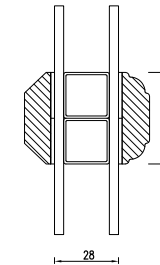
We offer 3 bar widths:

- 22mm (standard, made from Q-wood unless it's a Stain Colour)
- 40mm (made from timber)
- 56mm (made from timber)

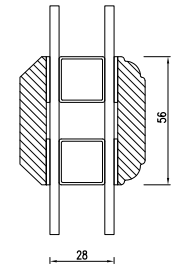
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 92mm frame
- 28mm low-energy glazing
- Argon gas
- Black warm edge spacer
- Balmoral door handle, Chrome
- Colour RAL 9016
- Head drip
- Screws: Stainless Steel
- Weatherstrip in white
- Threshold, Satin

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

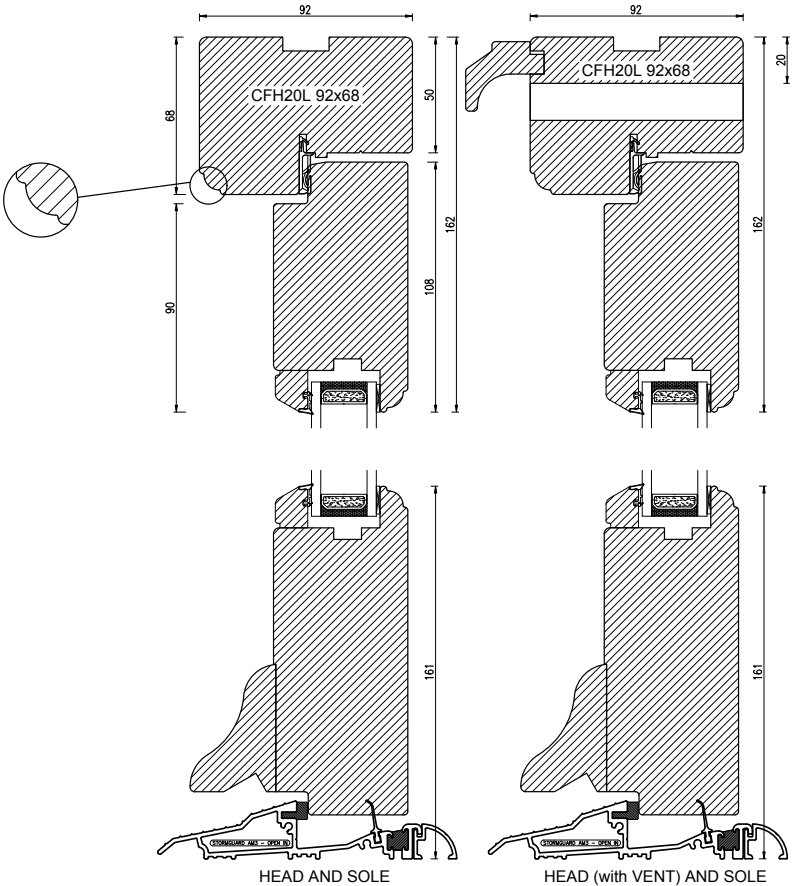
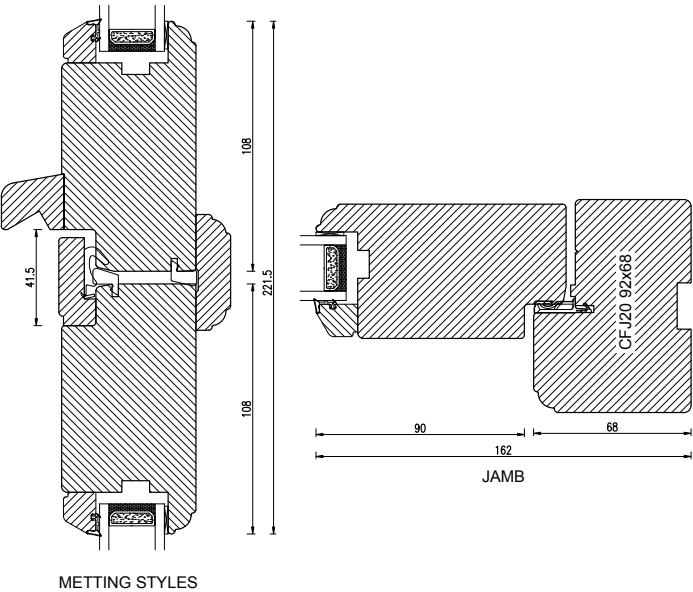
- ISO9001
- FSC certified wood

Thermal performance

- 1.4 W / m²K (double glazing)

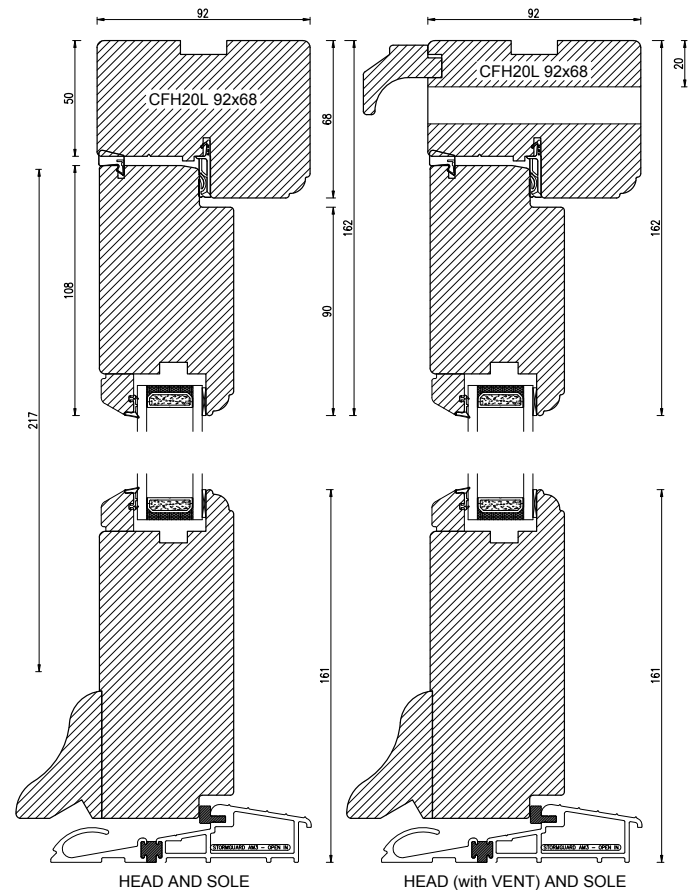
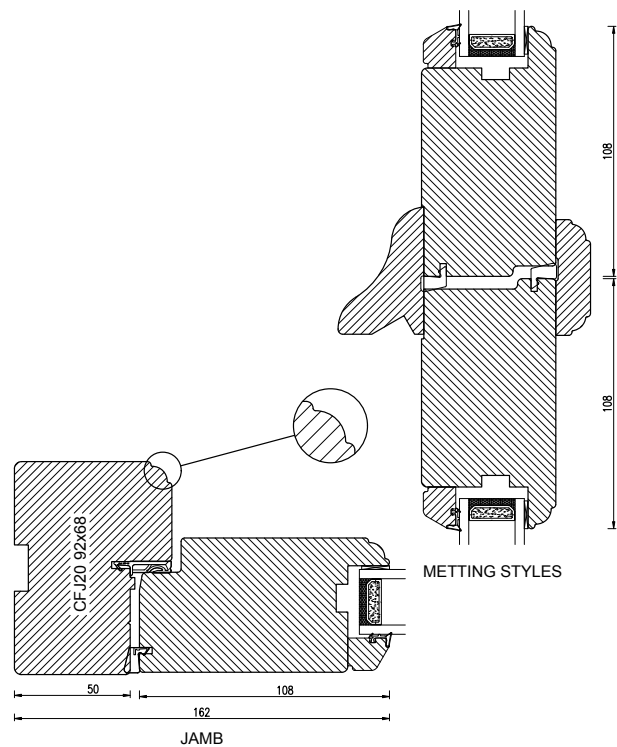
Crafted Stable Door, inward opening

Externally glazed sections



Crafted Stable Door, outward opening

Externally glazed sections



Scotdoor Stable Doors



ALLAN BROS.
EST. 1811
Craftsmen of Bespoke Timber Windows & Doors

A Scotdoor Stable Door combines traditional charm with modern practicality, featuring a split design that allows the top half to open independently of the bottom half. Perfect for adding character, ventilation, and security to your home. The door can be outward or inward opening.

Door materials

Door Frame

- Softwood: Engineered European Redwood (finger jointed)

Alternatives (additional cost)

- Hardwood: Engineered Red Grandis (finger jointed)
- Hardwood: Clear faced (for Stain colours only)

Door blank

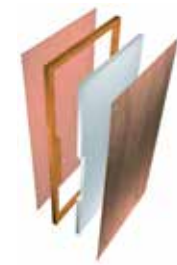
- Stiles and rails: Engineered softwood
- Door blank: Chen-Chen veneer on cross banded plywood with 0,3mm aluminium
- Door blank core: Polystyrene insulation and 2 x 9mm plywood
- Secured by Design accredited



Cross section



Security door blank



Door blank build-up

Design features

- The stable door is externally beaded / glazed
- Vents are visible on outside of the frame
- A head drip is fitted as standard
- Fixed sidelights (dummy sashes) can have concealed vents.
- Fixed glazed to frame sidelights cannot have vents
- Traditional wash board at the bottom of the door

Outward opening doors

- Visible door butt hinges on the outside
- Ovolo mould on the inside of the frame
- Stormguard AM5 Threshold. Available in Satin or Gold

Inward opening doors

- Visible door butt hinges on the inside
- Ovolo mould on the outside of the frame
- Stormguard AM3 Threshold. Available in Satin or Gold

Dimensions

- Frame depth: 92mm
- Frame width: 68mm

Minimum and maximum sizes

Single door

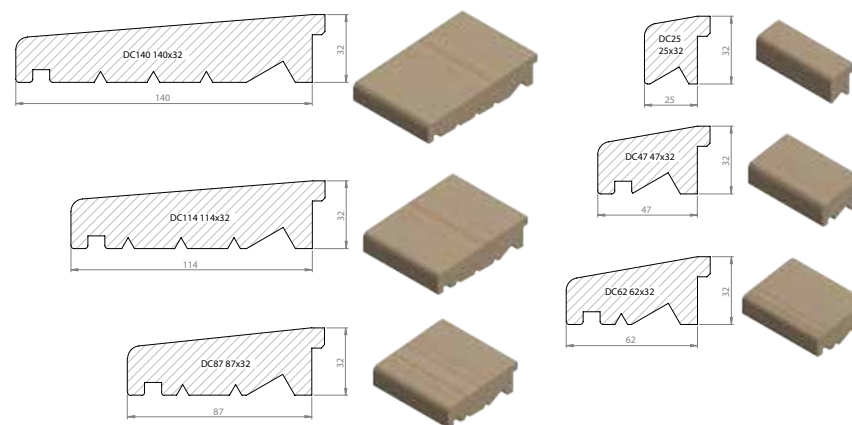
- Minimum width / height 850mm / 1890mm
- Maximum width / height 1060mm / 2260mm

External cill extensions

An external cill extension / projection is a nosing that is added to the frame using a cill groove. To fit an external cill extension, you must have a 44mm sub-sole under the threshold. The sub-sole is the full 92mm width of the frame.

Cill Extension dimensions

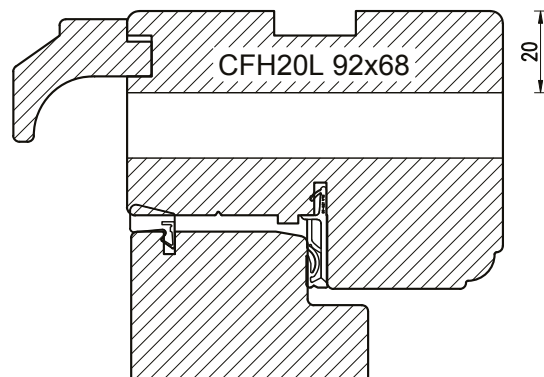
- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



The small triangular grooves on the back of the cill extensions are there to prevent the wood from curling / bending.

Head drips

Doors are fitted with a head drip as standard. If required, the door can be prepared for the head drip and the head drip sent loose and fitted on site. The head drip groove is 10mm wide and 7mm deep.



Packers / frame extensions

Packers are available on all doors. They can be fitted to the side and top.

Packer sizes available

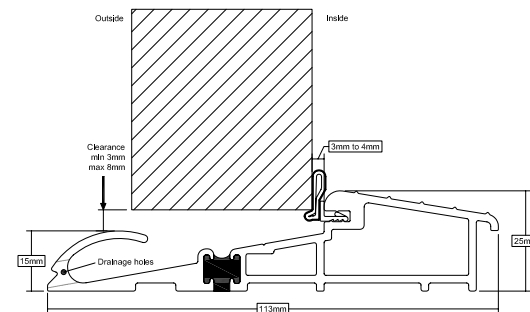
- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

The most used packer is 20mm. Please note that if a packer is added to the frame there will be a visible joint between frame and packer on the finished product

Threshold

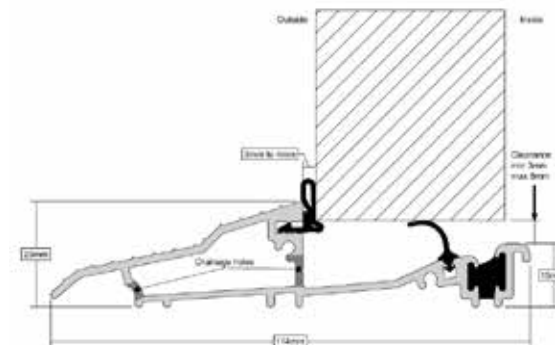
Outward opening doors

- Stormguard AM5 Threshold. Available in Satin or Gold
- Threshold is 113mm wide and 25mm high



Inward opening doors

- Stormguard AM3 Threshold. Available in Satin or Gold
- Threshold is 114mm wide and 25mm high



When measuring inward-opening doors, always allow for the internal floor height. In many instances, a sub-sole will be required to accommodate the internal flooring.

Finish / colours

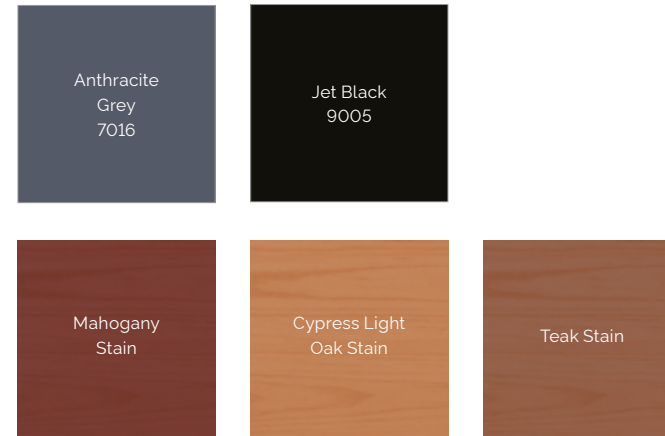
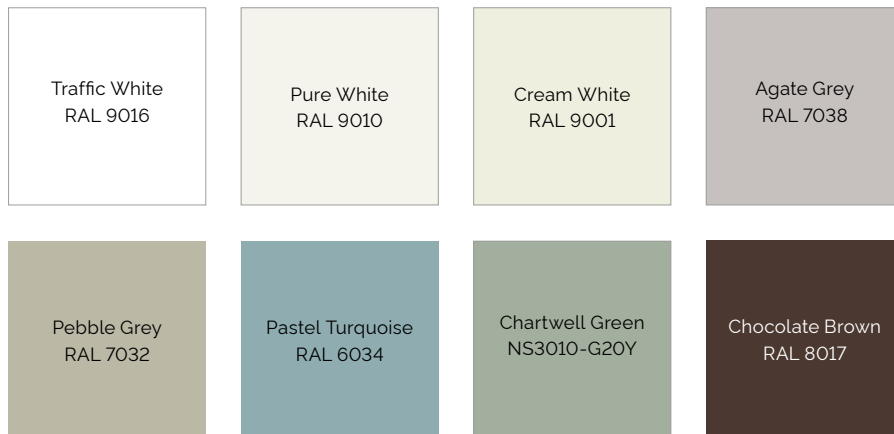
As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

In addition to our standard range we can also offer:

- Any RAL colour (not Pearl and Metallics) (additional cost applies)
- RAL colour match to Farrow & Ball (additional cost applies)
- Dual colours (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Stain Finish you may be able to see the finger joints and timber repairs through the Stain. This is to be expected and is not covered under warranty.

Standard colours & stains



Hinges

- Zinc butt hinges

Locking system / hardware

Bottom half

- The bottom half has a Shootbolt that locks into the top leaf. Disengaging the Shootbolt allows the top leaf to be opened independently
- A thumbturn on the inside of the door activates a Hookbolt and strike, which engage keeps secured to the frame, locking the door

Top half

- A Hookbolt and latch engage the keeps, locking the door

Scotdoor / Composite Entrance Doors hardware



Balmoral door handle

White, chrome, gold, graphite, antique black, black



Balmoral swan neck handle

Chrome, gold, graphite, antique black

Hand Crafted Range



Avon door handle

Black, pewter



Cottage slimline handle

Black, pewter



Monkey tail handle

Black, pewter



Oval escutcheon

White, chrome, gold, graphite, antique black, black



Standard letterbox

White, chrome, gold, graphite, antique black, pewter, black



Decorative door knob

White, chrome, gold, graphite, antique black, black



Architectural letter plate

Chrome, gold, antique black, graphite, pewter, forged black



Finger pull

White, chrome, gold, graphite, antique black, black



Bull ring knocker

Chrome, gold, graphite, antique black, black

Security cylinder

Our cylinder is possibly the strongest and best locking cylinder on the market. Designed to withstand every type of attack, the cylinder activates lock down mode when under attack, preventing unwanted visitors from gaining access. The cylinder comes with 3 keys as standard.



Trickle vents

Trickle vents can be fitted only to the head of the door. Trickle vents are visible on the outside and inside of the door. On the outside, the door will be fitted with a head drip above the vent (this can be omitted)

Vents are available in a 250mm, 425mm or a 695mm version. As a standard, Allan Brothers fit a 425mm vent.

The vents are available in the following colours

- White (fitted with silver screws)
- Brown (fitted with black screws)
- Grey Silver (fitted with black screws)



Double glazing

Doors can have glass panels. The glass panel is a 28mm (4-20-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.2 W / m²K

Other glazing options available

- Toughened (toughened both sides): Uw 1.2 W / m²K
- Laminated / toughened (laminated out / toughened in): Uw 1.2 W / m²K
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (toughened both sides)

All glazed doors are fitted with toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Leaded glazing

Lead is only available on toughened glass. The Lead pattern will be fitted to the outside of the glazed unit.

Lead widths available: 6mm, 9mm and 12mm

Lead colour: Light Silver Grey or Dark Silver Grey (Antique)

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure pane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane.

Patterns available

- Stippolyte, Satinovo, Minster, Cotswold



Satinovo, privacy level 5



Minster, privacy level 2



Stippolyte, privacy level 4



Cotswold, privacy level 5

Spacer bar

Following spacer bars are available for glass panels

- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

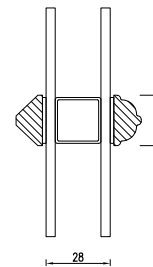
Bonded / astragal bars

Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside.

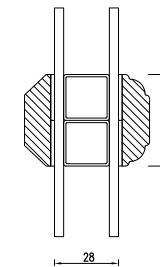
We offer 3 bar widths:

- 22mm (standard, made from Q-wood unless it's a Stain Colour)
- 40mm (made from timber)
- 56mm (made from timber).

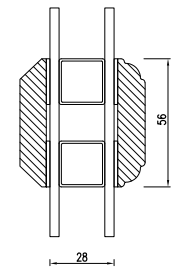
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation. Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately.

The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements. Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All orders are delivered with an Operating and Maintenance Manual.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 92mm frame
- 60mm Door Blank
- Balmoral door handle, Chrome
- Colour RAL 9016
- Head drip
- Screws: Stainless Steel
- Weatherstrip in white
- Threshold, Satin

Warranties

- 30 Years – Rot and fungal protection
- 10 Years – Paint finish (except stain and black finish), glazed unit
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

Certifications

- ISO9001
- FSC certified wood

Thermal performance

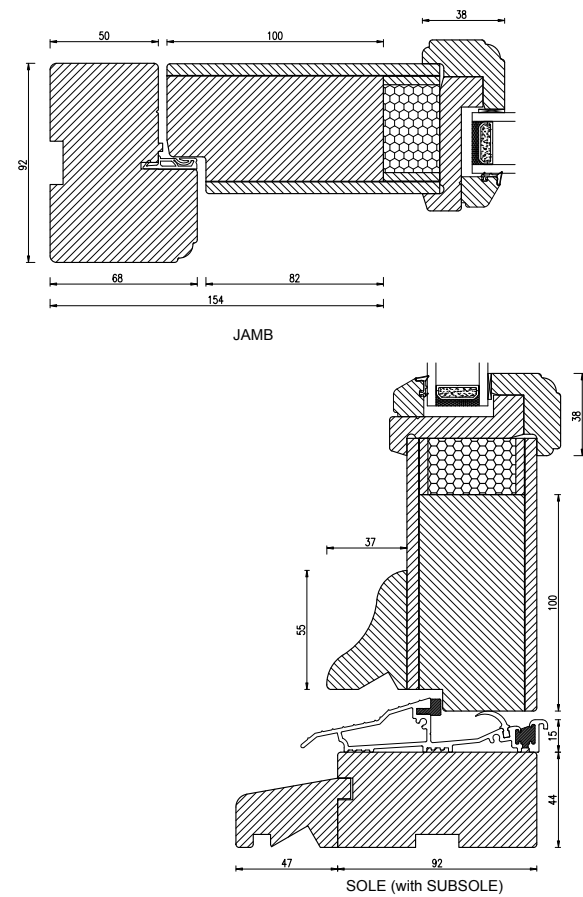
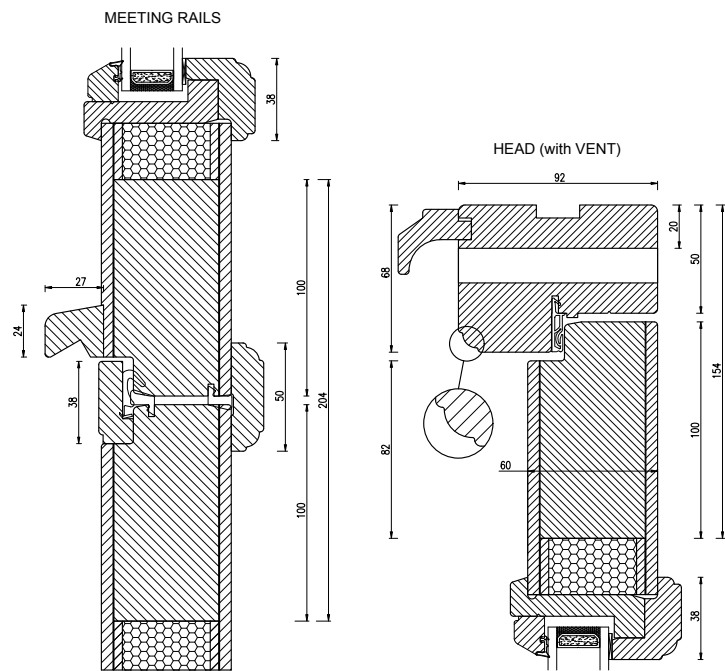
- 1.2 W / m²K (reference size)
- 0.91 (door blank)

Door Blank: Certifications

- ISO9001
- FSC certified wood

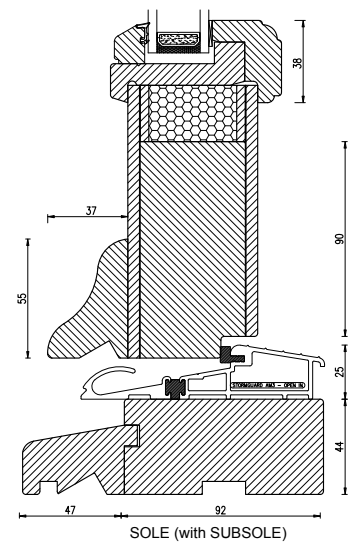
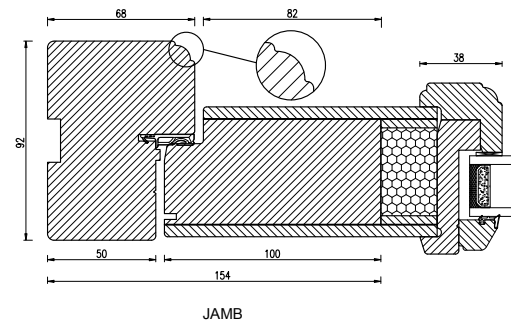
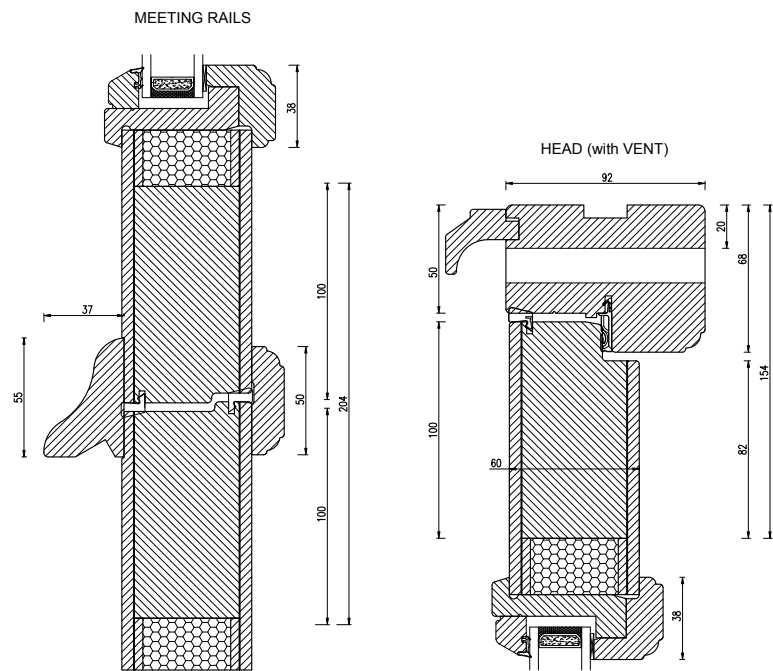
Scotdoor Stable Door, inward opening

Externally glazed sections



Scotdoor Stable Door, outward opening

Externally glazed sections



Nordic Alu Clad Windows



ALLAN BROS.
EST. 1811
Craftsmen of Bespoke Timber Windows & Doors



Nordic Alu Clad windows are the ideal maintenance free choice. Featuring the warmth of solid timber on the inside with the added protection of aluminium cladding on the outside. They are designed for long-lasting durability and energy efficiency.

Profile design options



Softline (modern)



Classic

Materials

- Timber: Engineered European Redwood (finger jointed)
- Aluminium: Powder coated aluminium

Opening options, Windows

Fixed frame, side-hung, side-guided, top-hung (guided), reversible, tilt and turn



Fixed frame / fixed light



Side-hung



Side-guided



Top-guided



Fully reversible



Tilt and turn windows

Fixed frame / fixed light

Fixed window units can't be opened. They are often used as sidelights or top-lights to doors and windows to generate additional light or adjacent to an opening sash to achieve a specific architectural design. Fixed windows are available in both double & triple glazing

Side-hung

Side-hung windows open out up to 90 degrees on visible butt hinges with friction brake. This allows the sash to hold open in any position. The side-hung opening function is available in double & triple glazing.

Side-guided

The side-guided opening function has an opening position of up to 90 degrees on concealed friction hinges, which also allows for easy cleaning from the inside (size dependent). The side-guided opening function is available in double & triple glazing.

Top-guided

Top-guided windows open out on concealed friction hinges. The top section of the frame slides down and the bottom of the sash is pushed out giving highly effective ventilation. The top-guided opening function is available in double & triple glazing.

Fully reversible

The fully reversible opening function can reverse on concealed hinges to allow for cleaning from the inside. The hinges open to a maximum of 180 degrees. The fully reversible opening function is available in double & triple glazing.

Tilt and turn windows

The tilt and turn window offers two different opening functions. The tilt function allows for ventilation from the top of the window and the turn function allows the window to be opened fully inwards, which allows for easy cleaning from the inside.

Bar material

External bars are made from aluminum. Internal bars are made from timber

Dimensions

- Frame depth: 124mm (incl 10mm alu cladding)
- Sash depth: 64mm (74mm incl. cladding) for both 32mm and 47mm glazing
- Gap tolerances around the moving sash: 4-5mm

Minimum and maximum sizes (with double glazing)

Fixed Frame / Fixed Light

- Minimum width / height 228mm / 228mm
- Maximum width / height 2400mm / 2400mm

Side-hung

- Minimum width / height 378mm / 468mm
- Maximum width / height 873mm / 1668mm

Side-guided

- Minimum width / height 398mm / 468mm
- Maximum width / height 1073mm / 1668mm

Top-hung (guided)

- Minimum width / height 408mm / 318mm
- Maximum width / height 1588mm / 1588mm

Fully reversible

- Minimum width / height 408mm / 688mm
- Maximum width / height 1558mm / 1558mm

Tilt and turn window in combination frame

- Minimum width / height 528mm / 618mm
- Maximum width / height 1388mm / 2398mm

Fire egress windows - minimum and maximum

To comply with fire egress regulations, you must have a minimum clear opening of 0.33m² (min. 450mm width and height).

Side-hung windows

- Single: Minimum width / height 608mm / 838mm
- French casements: Minimum width / height 738mm / 838mm

Reversible

- Minimum width / height 542mm / 1288mm

Side-guided

- Single: Minimum width / height 721mm / 838mm
- French casements: Minimum width / height 938mm / 838mm

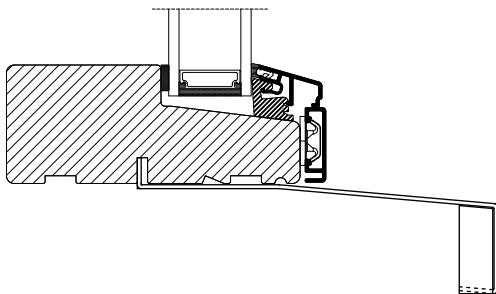
External cill extensions

An external cill extension / projection is a nosing that fits below the frame. The cill extension goes into a groove on the bottom of the window.

Cill Extension depth

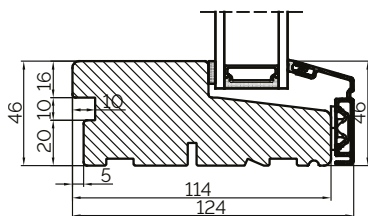
- Width: 115mm, 140mm, 165mm, 190mm, 215mm, 240mm, 265mm

For section drawings of cill extensions, we refer to the back of this technical guide.



Internal cill groove

An internal cill board groove / window board grove (10mm wide and deep) can be selected for the inside bottom of the window frame. Allan Brothers do not supply the actual window cill board.

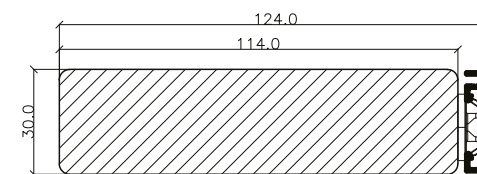


Packers / frame extensions

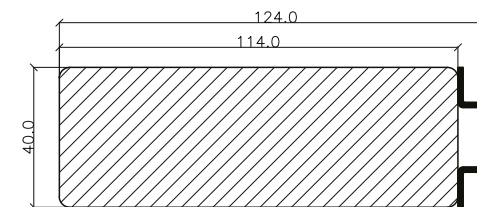
Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame. The packer is made from timber and can have an aluminium cladding on the outside.

Packer sizes available

- 30mm, 40mm, 50mm, 60mm, 70mm, 80mm, 90mm, 100mm



Alu cladding on the 30mm high packer. Alu cladding can be factory fitted.



*Alu cladding for 40mm packers and above.
The alu cladding must be ordered separately and fitted on site.*

Window Handles

All window handles have a Satin finish.



Window handle,
standard handle



Window Handle with key,
lockable handle



Tilt-turn handle,
standard handle



Tilt-turn handle with key,
lockable handle with pressure cylinder
for tilt and turn windows

Handle placement

On sidehung / side-guided windows the placement of the handle differs depending on sash height

Sash height	Handle position from bottom of sash
531 - 730mm	253mm
731 - 930mm	353mm
931 - 1130mm	453mm
1131 - 1330mm	553mm
1331 - 1530mm	653mm
1531 - 1730mm	703mm
1731 - 1800mm	703mm

Vents

Vents can be fitted to the head of the frame above a sash and in transoms. In casements, vents are visible on the inside of the window but concealed from the outside. In Fixed Lights and Tilt & Turn combi units, the vent is visible from the outside and concealed by a head drip.

The vents are available in the following colours

- White
- Grey
- Black

Sizes: Flow area 30m² and 40cm² (standard). Generally, white vents are fitted in white frames. Black vents in black frames and Alu / Silver in all other colours.

External vent hoods on Fixed Lights and Tilt & Turn windows are aluminium anodized as standard. Vent hood can be painted the RAL colour of the external window cladding at an additional cost. Allan Brothers must be notified in advance if a request to vent hood colour is required.

To see the positioning of the vents in the different opening functions we refer to the section drawings at the back of the technical guide.

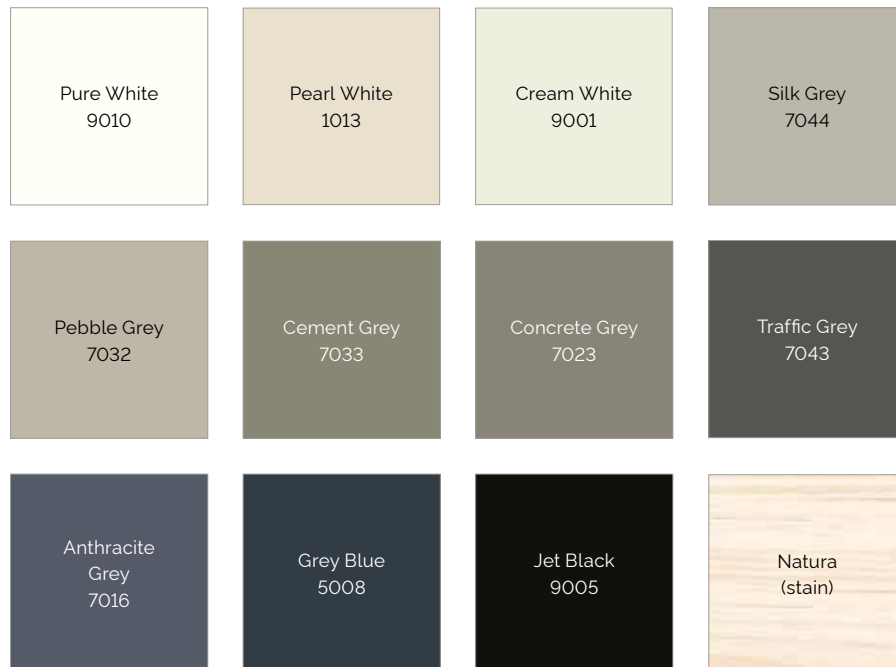
Finish / colours

As a standard, Allan Brothers offer 11 RAL colours and one Stain Colour. These are included in the price and can be supplied on a standard lead time.

In addition to our standard range, we can also offer

- Any RAL colour (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Natura stain finish you may be able to see the finger joints and timber repairs through the stain. This is to be expected and is not covered under warranty.



Double glazing

As a standard, all Nordic Alu Clad windows are delivered with 32mm (4-24-4) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.16 W / m²K

Other glazing options available

- Toughened (toughened both sides):
- Laminated / toughened (laminated out / toughened in)
- Acoustic (acoustic laminated out / toughened in)
- Solar protection glass (laminated or toughened)

Glazed units over 1350mm high must use toughened glass from a security / safety perspective. Kite marks will appear on toughened and laminated glass.

Triple glazing

Casements can be delivered with 47mm (4-18-3-18-4) low-energy glazing with a black warm edge spacer. The Ug of the triple glazing is 0.53 W / m²K. 47mm glazing can also be made toughened.

Obscure & decorative glazing

We offer four types of obscure glazing as standard. The obscure windowpane will be fitted to the outside of the pane and the clear pane of glass will be fitted to the inside of the pane. In triple glazed units the obscure pane will be in the middle.

Patterns available

- Satin (frosted), Silvit, Stippolyte, Cotswold



Satin - privacy level 5



Silvit - privacy level 4



Stippolyte - privacy level 4



Cotswold - privacy level 5

Spacer bar

- Black, warm edge

Bonded / astragal bars

Cleverly designed to achieve minimum heat loss and exploit maximum light, our windows are double-glazed with a grille between the two panes. As the bar does not touch the glass on either side, there is no cold bridge. The bar is available in a 24mm, 42mm and 60mm version.

24mm



24mm Softline - inside



24mm Classic - inside



24mm - outside

42mm



42mm Softline - inside



42mm Classic - inside



42mm - outside

60mm



60mm Softline - inside



60mm Classic - inside



60mm - outside

Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation.

Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately. The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements.

Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All products are fitted with a label that contains a QR leading to O&M documentation.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 124mm frame (incl. 10mm Alu cladding)
- 74mm sash depth (incl. 10mm Alu cladding)
- Softline / Modern frame profiling
- Clear 32mm low-energy double glazing
- Obscure: Satinovo (frosted) unless otherwise stated
- Argon gas
- Black warm edge spacer
- Satin lockable handle (for PAS24 / SBD)
- Click Vent (40cm² – size permitting)
- Colour RAL 7016 external / RAL 9010 Internal

Warranties

- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

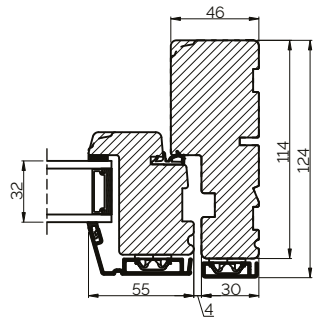
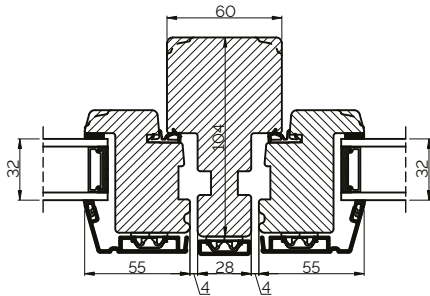
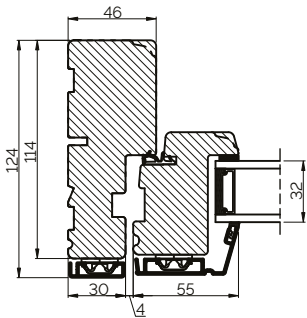
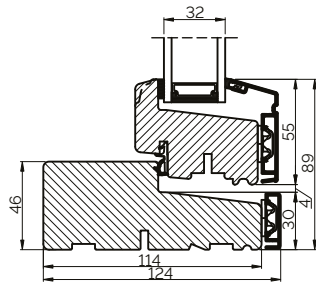
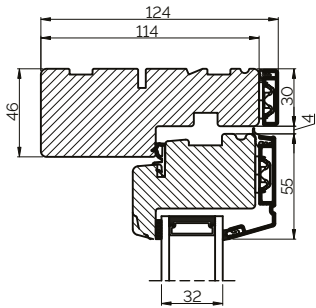
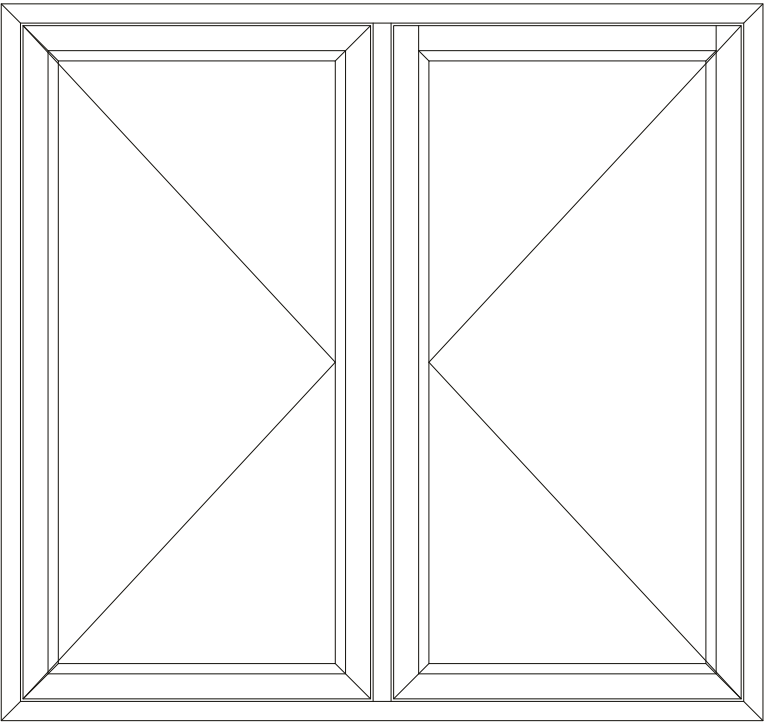
Certifications Secured by Design

- PAS24 (Q-mark)

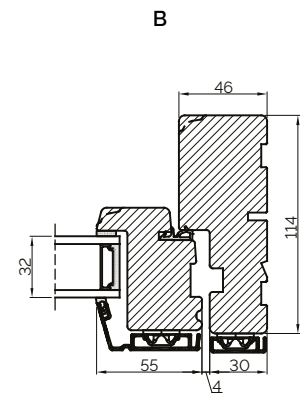
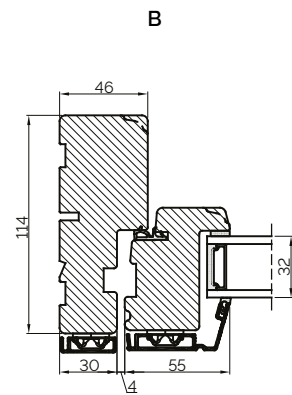
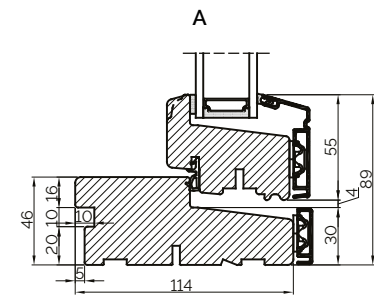
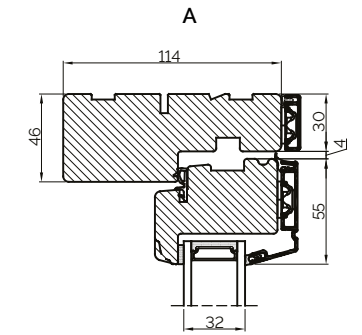
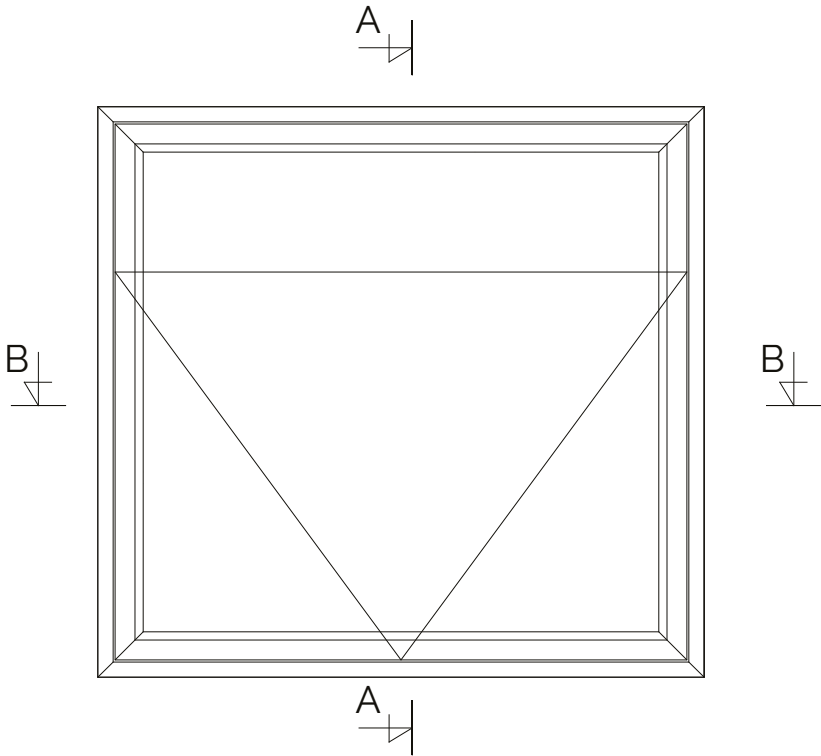
Thermal performance

- 1.34 W / m²K (32mm Double glazing)
- 0.75 W / m²K (47mm triple glazing)

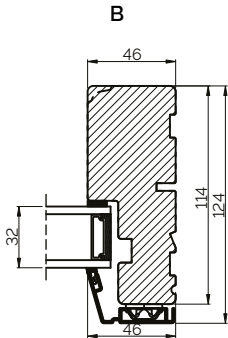
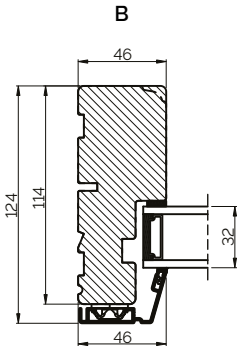
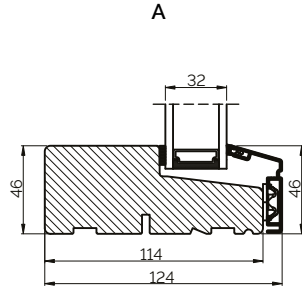
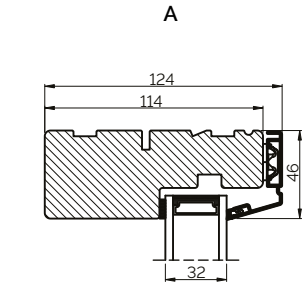
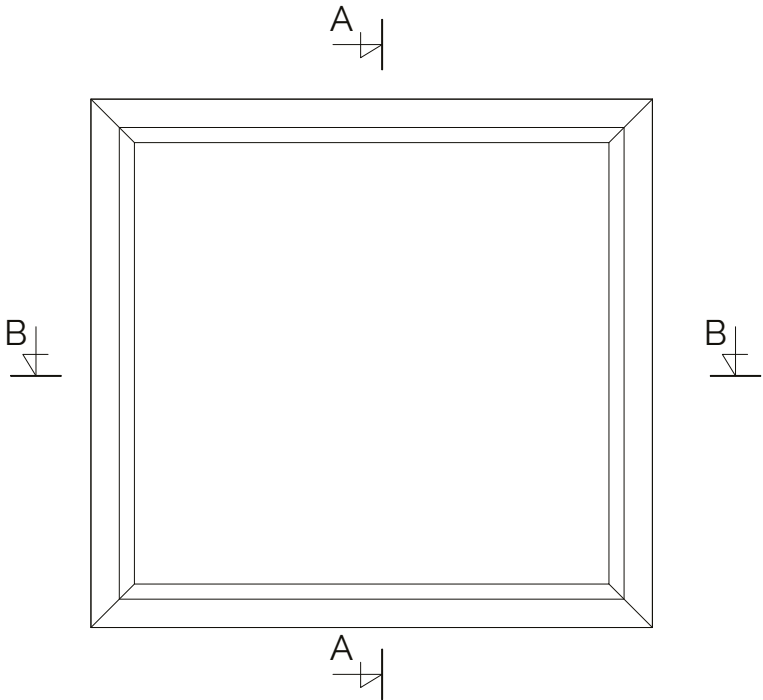
Section drawing – Alu Clad Window, side-hung



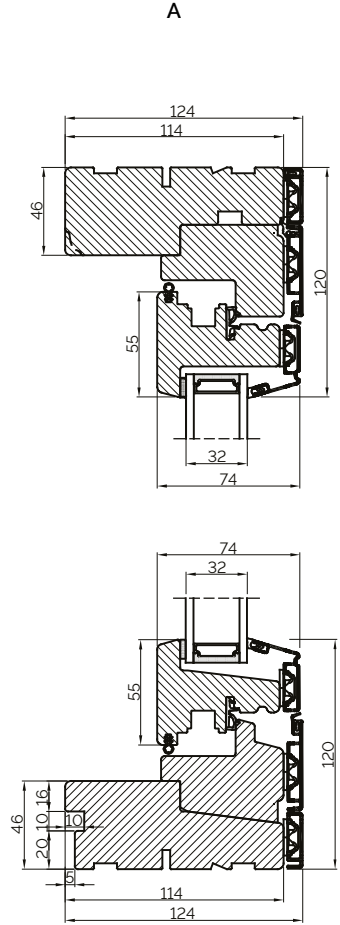
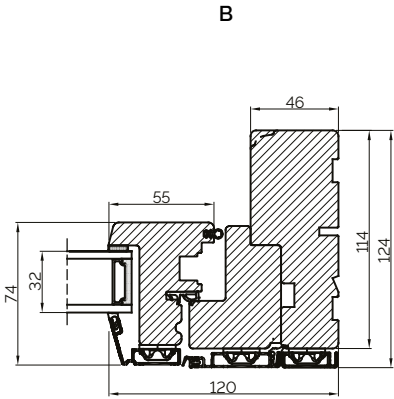
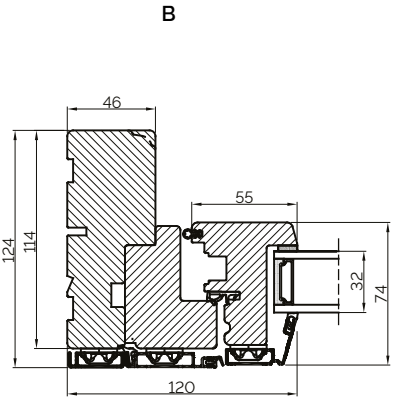
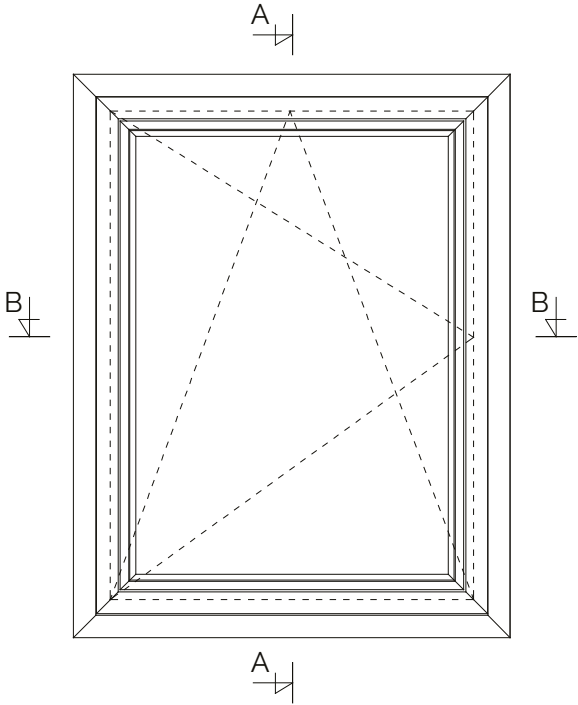
Section drawing – Alu Clad Window, top-hung



Section drawing – Alu Clad Window, fixed light



Section drawing – Alu Clad Window, tilt and turn, wide frame (for tilt and turn with vent)

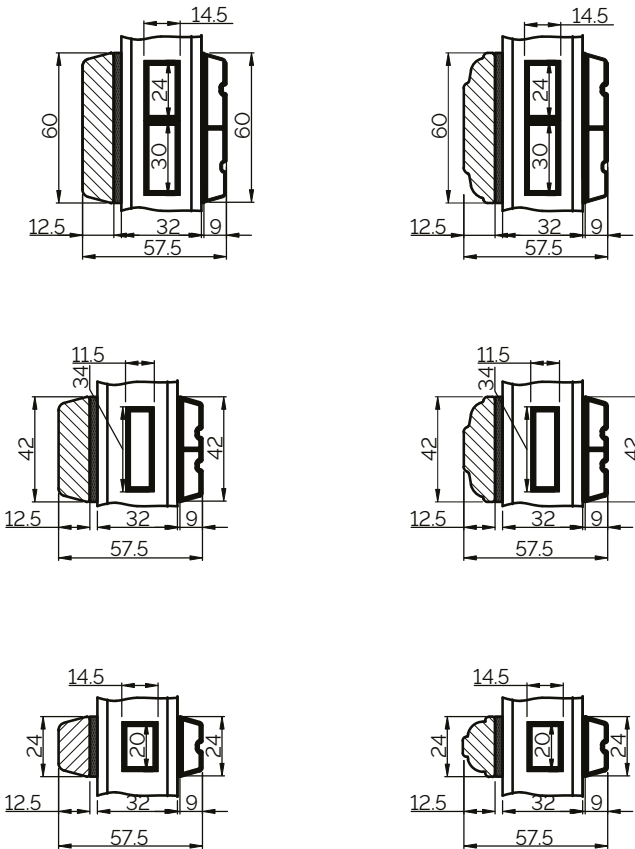


Section drawings – bars

Bonded / Astregal Bars

Softline

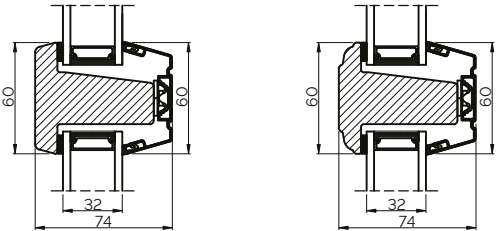
Classic



Solid through-bars

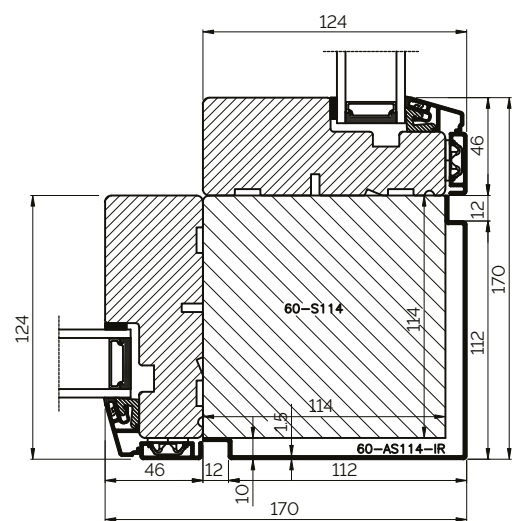
Softline

Classic

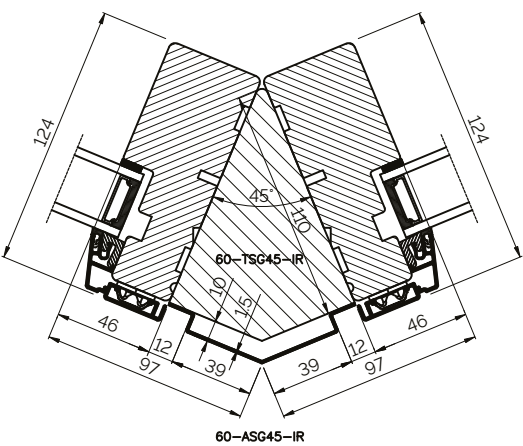


Section drawing – corner posts

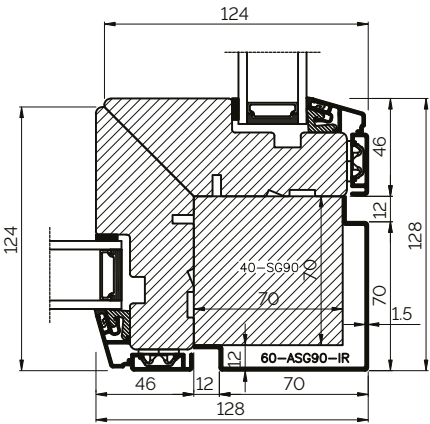
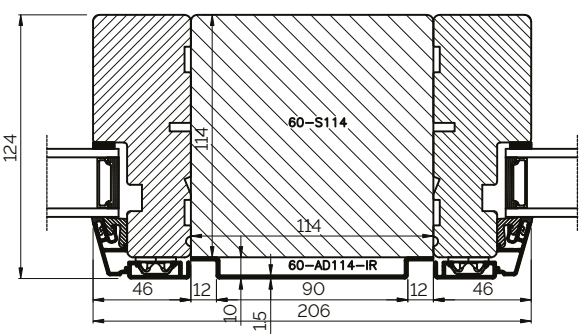
90° corner post



45° corner post

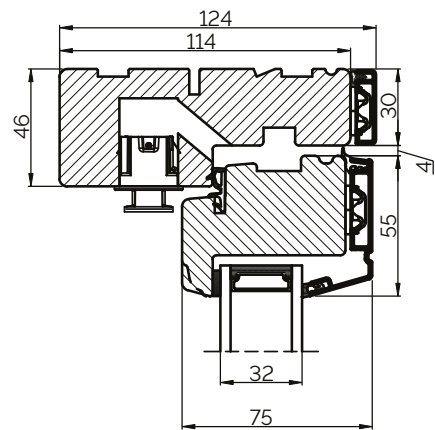


180° corner post

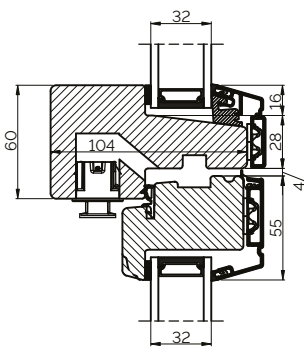


Section drawings – positioning of vents

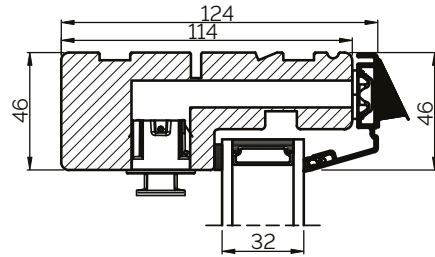
Head, standard casement



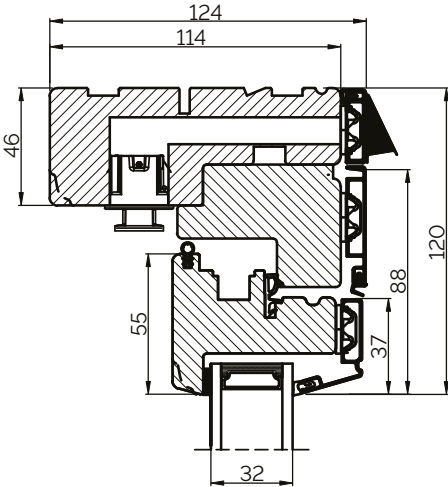
Transom, Softline



Fixed Light



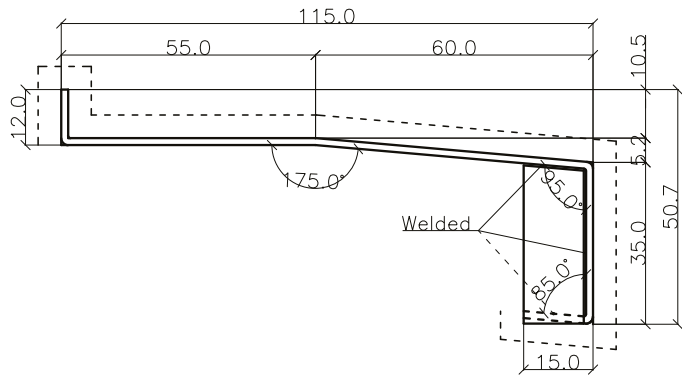
Tilt&Turn, combi



External cill extensions

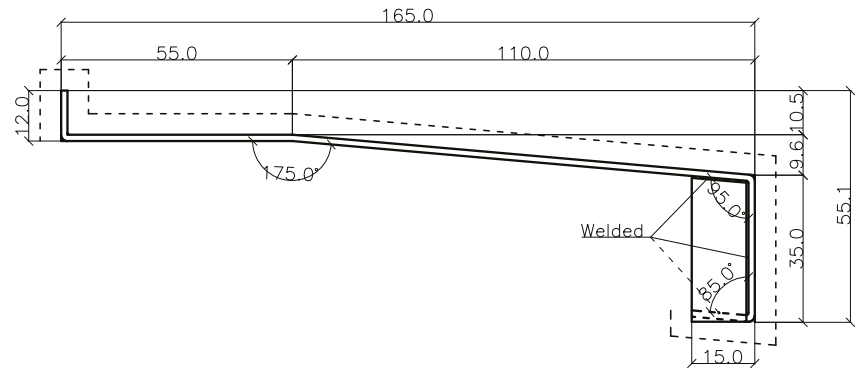
Alu cill type (standard)

Type 1



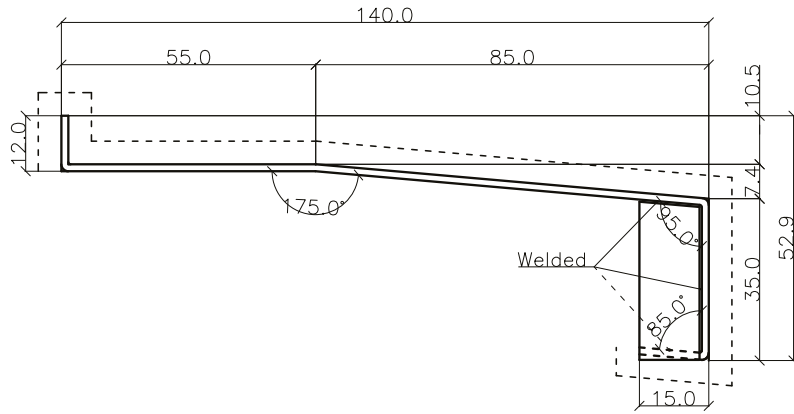
Alu cill type (standard)

Type 3



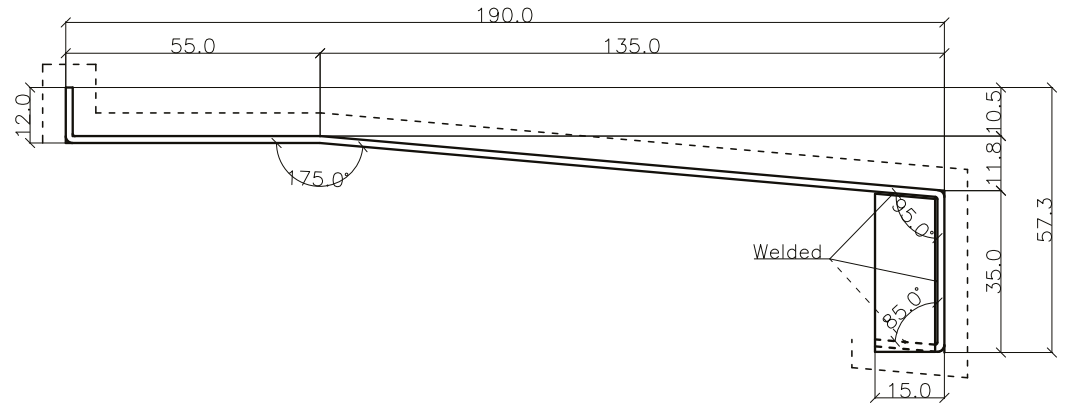
Alu cill type (standard)

Type 2

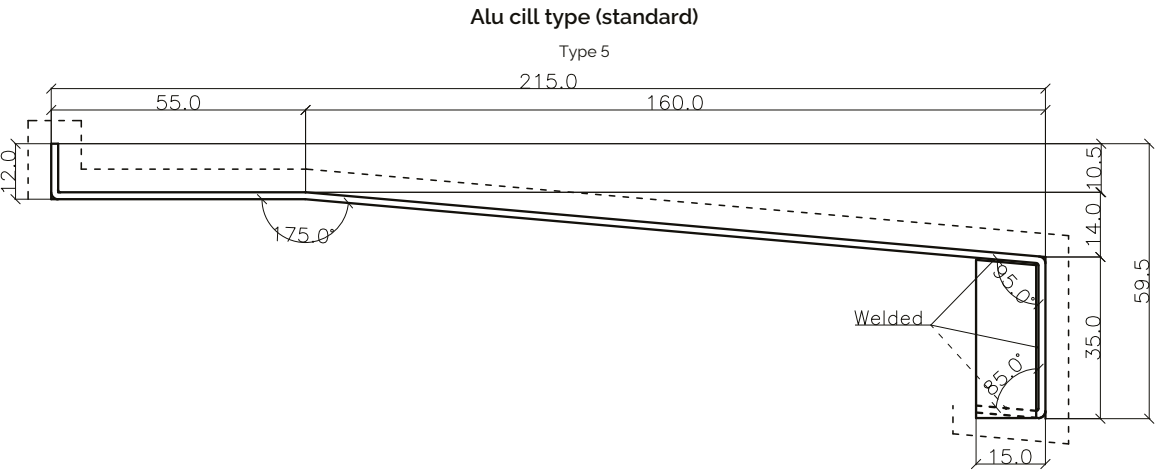


Alu cill type (standard)

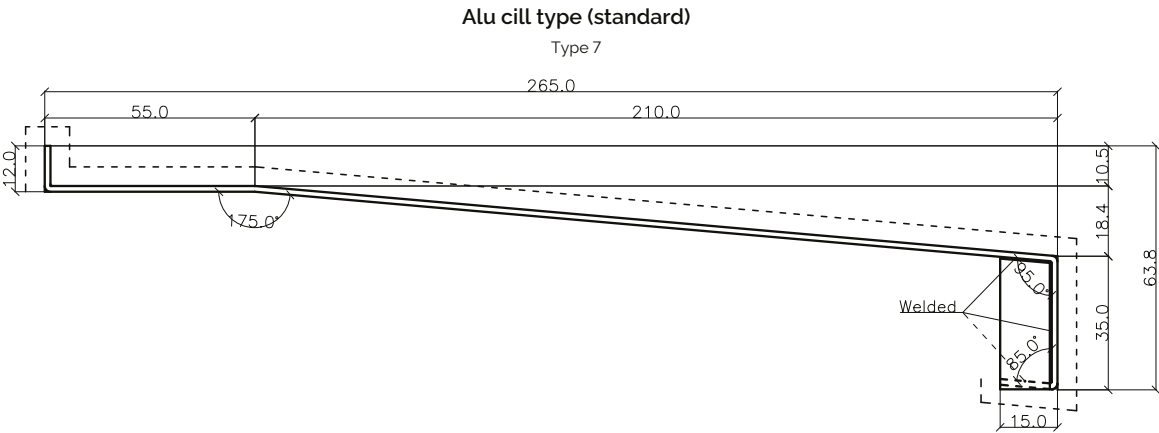
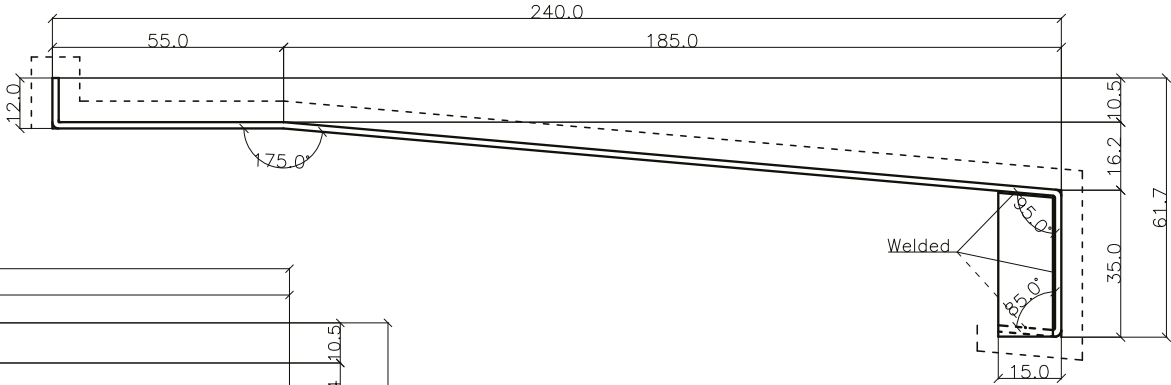
Type 4



External cill extensions



Alu cill type (standard)
Type 6



Nordic Alu Clad Sliding Doors



ALLAN BROS.
EST. 1811
Craftsmen of Bespoke Timber Windows & Doors



Nordic Alu Clad Sliding Doors are the ideal maintenance free choice. Featuring the warmth of solid timber on the inside with the added protection of aluminium cladding on the outside. They are designed for long-lasting durability and energy efficiency. The doors can be single or bi-parting.

Profile design



Softline (modern)



Classic

Materials

Timber: Engineered Northern European pine (finger jointed)

Aluminium: Powder Coated Aluminium

Bar materials

- External bars are made from Aluminium
- Internal bars are made from timber

Dimensions

- Frame depth: 124mm (incl. alu). See section drawings at the back.
- Sash depth: 74mm (incl. alu)

Minimum and maximum sizes

Two part Sliding Door (w. fiberglass threshold)

- Minimum width / height 1618mm / 1378mm.
- Maximum width / height 4198mm / 2468mm

Four part Sliding Door (w. hardwood threshold)

- Minimum width / height 3498mm / 1763mm.
- Maximum width / height 7998mm / 2798mm

Threshold

The standard two-part AluClad sliding door is delivered with a 25mm threshold made from fiberglass. The colour is light grey.

The four-part sliding door has a hardwood threshold (see section drawings at the back of the technical guide)



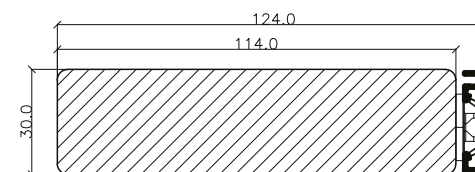
Fibreglass threshold for two-part doors

Packers / frame extensions

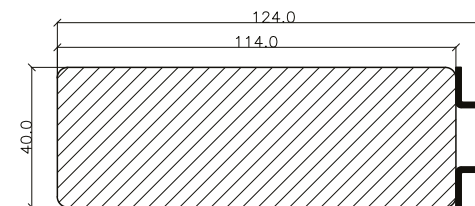
Packers are available on all products. They can be fitted to the side, top and / or bottom of the frame. The packer is made from timber and can have an aluminium cladding on the outside.

Packer sizes available

- 30mm, 40mm, 50mm, 60mm, 70mm, 80mm, 90mm, 100mm



Alu cladding on the 30mm high packer. Alu cladding can be factory fitted.



*Alu cladding for 40mm packers and above.
The alu cladding must be ordered separately and fitted on site.*

Door handles

The Sliding Door Handle has a satin finish.



Vents

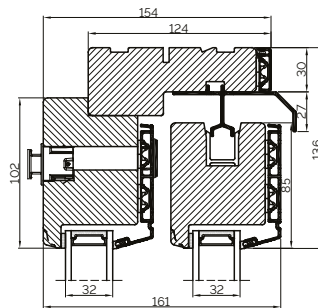
A click vent can be fitted to the head of the secondary door leaf. A grille mesh is fitted to the outside of the door leaf.

The vents are available in the following colours

- White
- Grey
- Black
- Softclose function available at additional cost

Sizes

Flow area 30cm² or 40 cm². Generally, white vents are fitted in white frames. Black vents in black frames and grey in all other colours.



Finish / colours

As a standard, Allan Brothers offer 11 RAL colours and one Stain Colour. These are included in the price and can be supplied on a standard lead time.

In addition to our standard range, we can also offer

- Any RAL colour (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Natura stain finish you may be able to see the finger joints and timber repairs through the stain. This is to be expected and is not covered under warranty.

Pure White 9010	Pearl White 1013	Cream White 9001	Silk Grey 7044
Pebble Grey 7032	Cement Grey 7033	Concrete Grey 7023	Traffic Grey 7043
Anthracite Grey 7016	Grey Blue 5008	Jet Black 9005	Natura (Stain)

Double glazing

As a standard, all AluClad sliding doors are delivered with 32mm (tough / laminated) low-energy glazing with a black Warm Edge spacer. The Ug of the standard pane is 1.15 w / m²K.

Triple glazing

The doors can be delivered with a 47mm (tough / laminated) low-energy glazing with a black warm edge spacer. The Ug of the triple glazing is 0.57 w / m²K.

Spacer bar

The following spacer bars are available

- Standard is Black, Warm edge

Bonded / astragal bars

Cleverly designed to achieve minimum heat loss and exploit maximum light, our windows are double-glazed with a grille between the two panes. As the bar does not touch the glass on either side, there is no cold bridge. The bar is available in a 24mm, 42mm and 60mm version.

24mm



24mm Softline - inside



24mm Classic - inside



24mm - outside

42mm



42mm Softline - inside



42mm Classic - inside



42mm - outside

60mm



60mm Softline - inside



60mm Classic - inside



60mm - outside

Delivery and Storage

Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation.

Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately. The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements.

Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All products are fitted with a label that contains a QR leading to O&M documentation.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 124mm frame (incl. alu). See section details
- 74mm sash (incl. alu)
- Softline / Modern frame profiling
- 32mm low-energy glazing
- Argon gas
- Black warm edge spacer
- Satin double handle
- Click Vent (40cm² – size permitting)
- Colour RAL 7016 external / RAL 9010 Internal
- Fibre-glass threshold (2 part door)
- Hardwood threshold (4 part door)

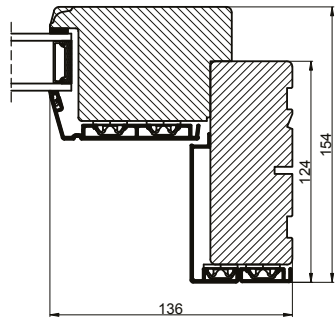
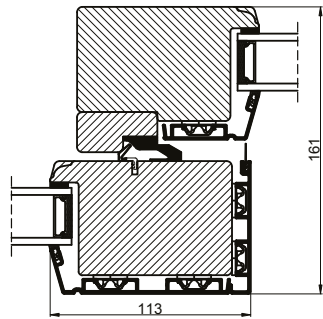
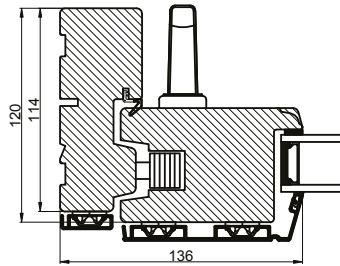
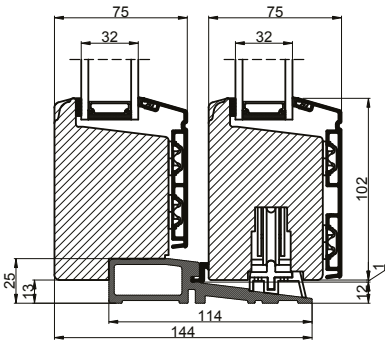
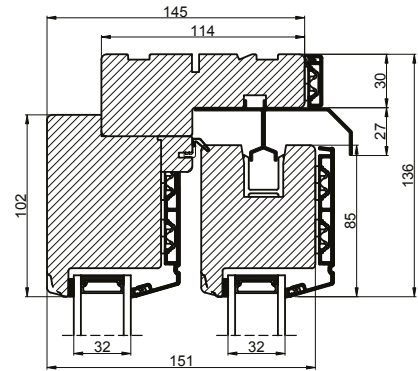
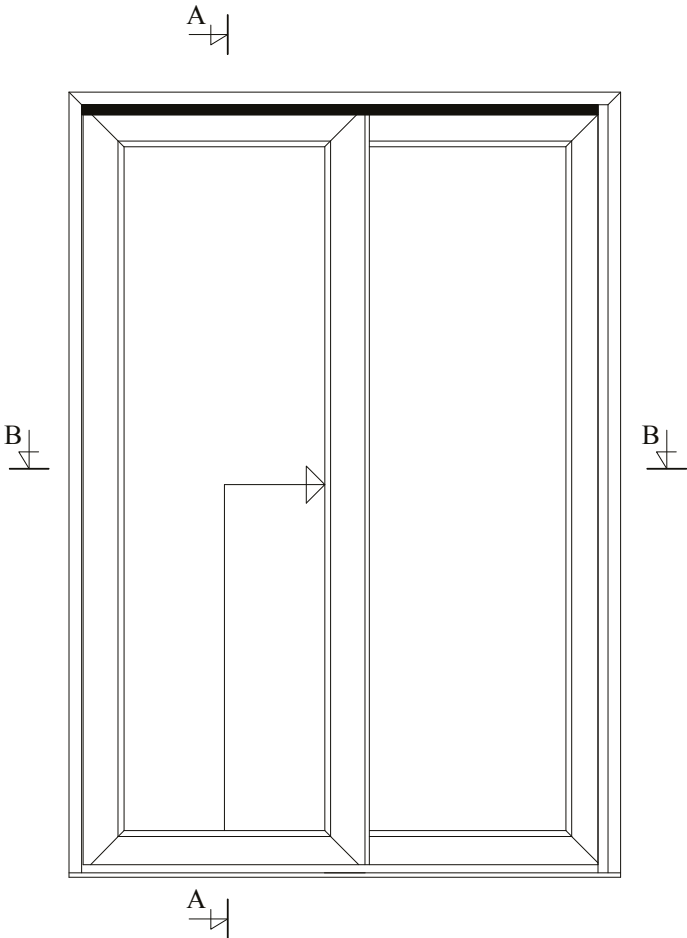
Warranties

- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

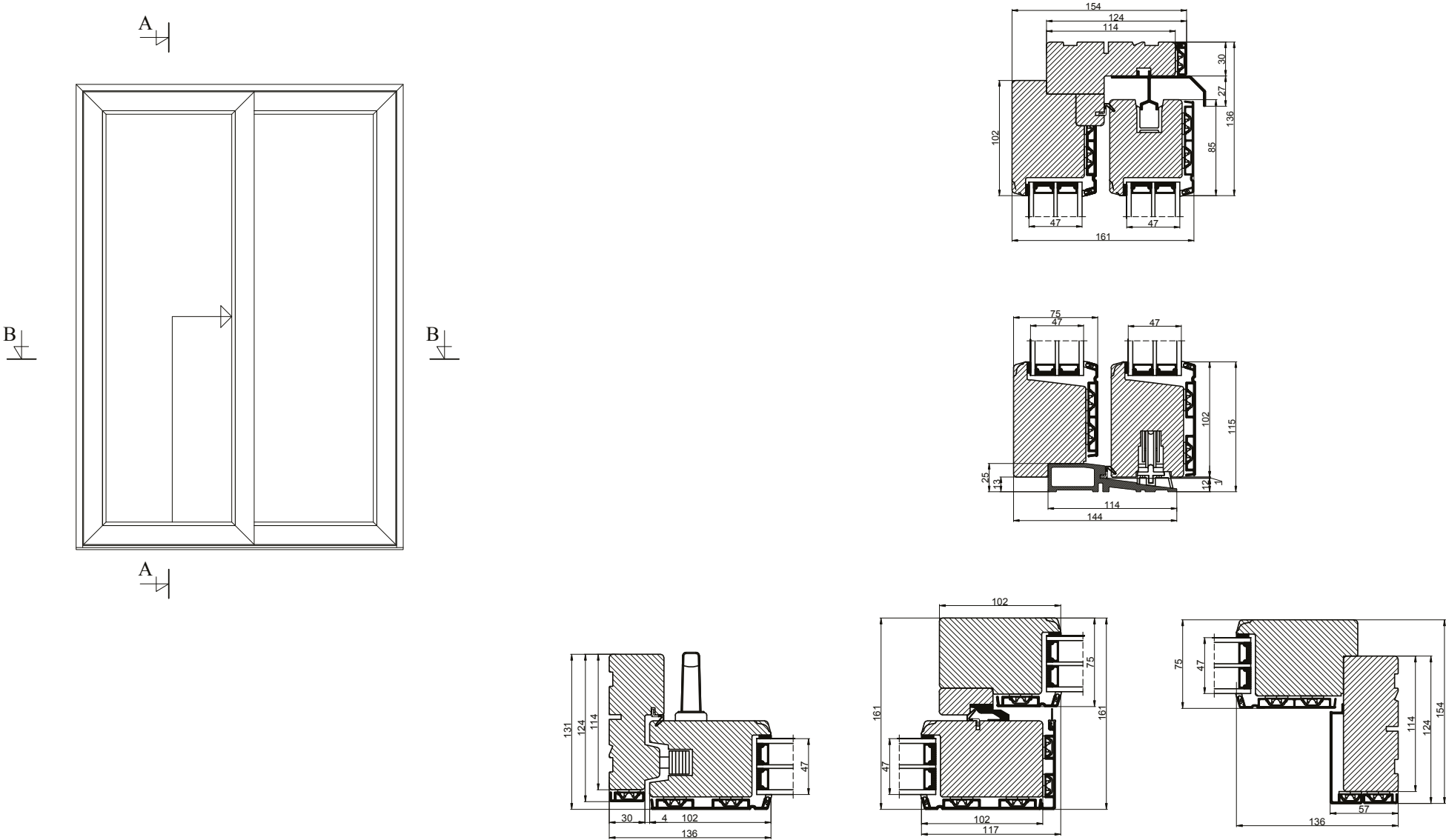
Certifications Secured by Design

- PAS24 (Q-mark) (on two-part doors only)

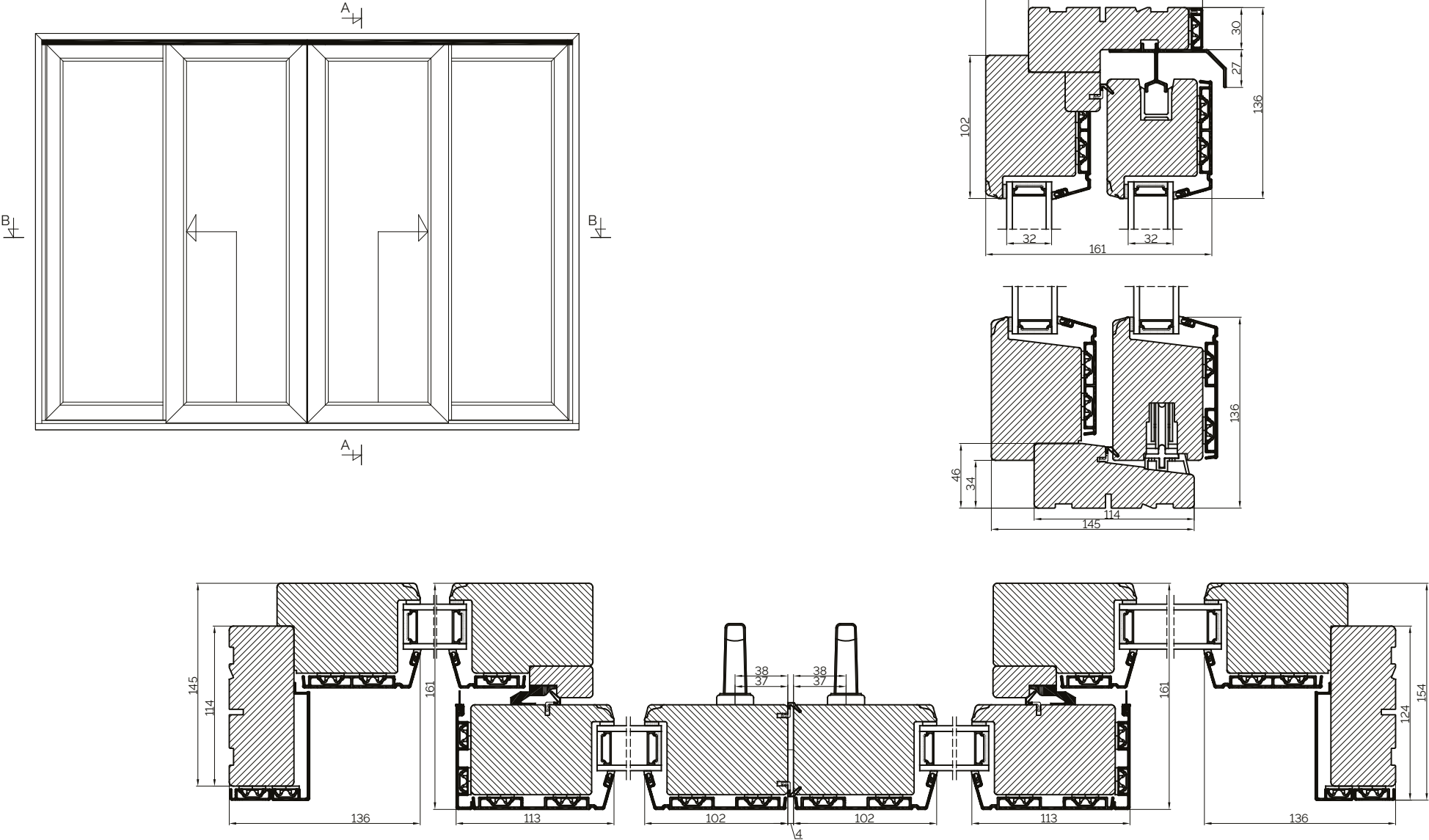
Section drawing – Two part Sliding Patio Door with double glazing



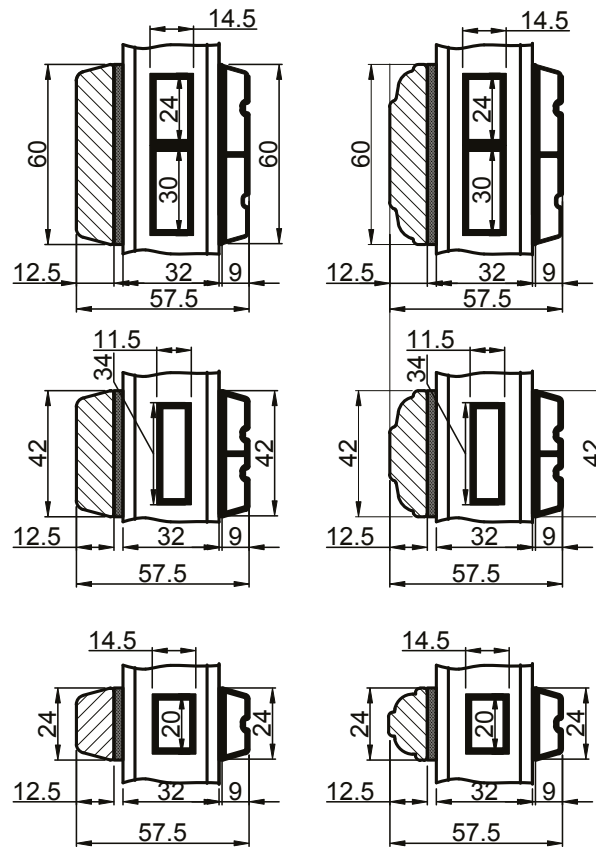
Section drawing – Two part Sliding Patio Door with triple glazing



Section drawing – Four part Sliding Patio Door with triple glazing



Section drawings – bars



Nordic Alu Clad Entrance Doors



ALLAN EST. 1811 BROS.
Craftsmen of Bespoke Timber Windows & Doors

Nordic Alu Clad entrance doors are the ideal maintenance free choice. Featuring the warmth of solid timber on the inside with the added protection of aluminium cladding on the outside. They are designed for long-lasting durability and energy efficiency. The doors can be single or double, open out or in.

Profile design



Softline (modern)



Classic

Materials

Timber: Engineered European Redwood (finger jointed)

Aluminium: Powder Coated Aluminium

Beads and bars materials

- External bars are made from Aluminium Internal bars are made from timber

Dimensions

- Frame depth: 114mm (124mm including alu cladding)
- Sash depth: 74mm

Minimum and maximum sizes

Single door

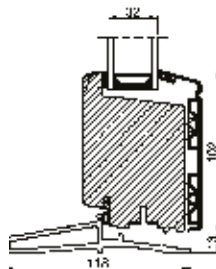
- Minimum width / height 413mm / 1673mm
- Maximum width / height 1123mm / 2448 mm

Double Door

- Minimum width / height 778mm / 1728mm
- Maximum width / height 2178 mm / 2448mm

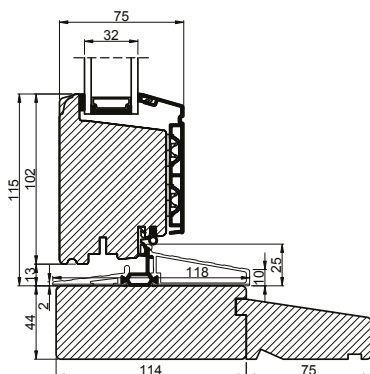
Threshold

The Alu Clad door has an Alu threshold. The threshold is 25mm high and 118mm wide.



Sub-sole and cill extension

A sub-sole and external cill extension can be fitted below the alu threshold. The sub-sole is 44mm high and 114mm wide. A cill extension can be fitted into a groove on the sub-sole.

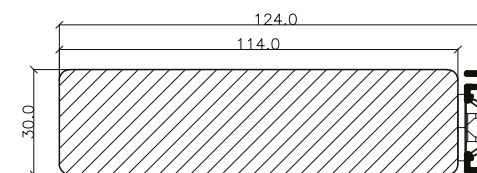


Packers / frame extensions

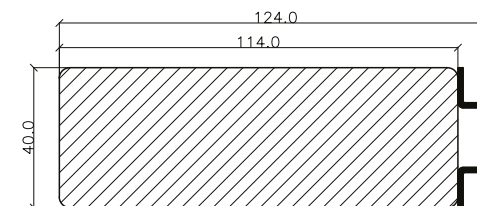
Packers can be fitted to the sides and top of the frame. The packer is made from timber and can have an aluminium cladding on the outside.

Packer sizes available

- 30mm, 40mm, 50mm, 60mm, 70mm, 80mm, 90mm, 100mm



Alu cladding on the 30mm high packer. Alu cladding can be factory fitted.



*Alu cladding for 40mm packers and above.
The alu cladding must be ordered separately and fitted on site.*

Door handles

The door handle comes in three designs and has a satin finish.



Tokyo



Stockholm



Vitoria

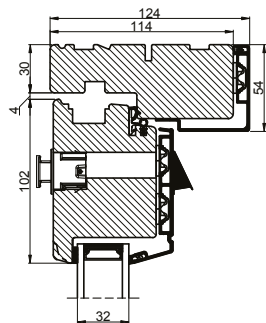
Vents

A click vent can be fitted to the head of the door. On outward opening doors the vent is concealed from the outside. On inward opening doors, a canopy is fitted to the outside.

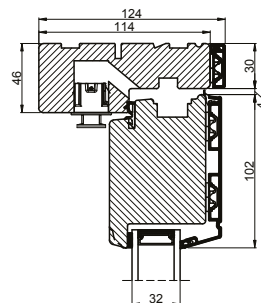
The vents are available in the following colours

- White, aluminium, grey or black

Sizes: 30 or 40 cm². Generally, white vents are fitted in white frames. Black vents in black frames and grey in all other colours.



Inward opening door



Outward opening door

Finish / colours

As a standard, Allan Brothers offer 11 RAL colours and one Stain Colour. These are included in the price and can be supplied on a standard lead time.

In addition to our standard range, we can also offer

- Any RAL colour (additional cost applies)

Please note that picking a non-standard colour may add to the lead time. On product with a Natura stain finish you may be able to see the finger joints and timber repairs through the stain. This is to be expected and is not covered under warranty.

Pure White 9010	Pearl White 1013	Cream White 9001	Silk Grey 7044
Pebble Grey 7032	Cement Grey 7033	Concrete Grey 7023	Traffic Grey 7043
Anthracite Grey 7016	Grey Blue 5008	Jet Black 9005	Natura (stain)

Double glazing

As a standard, all Alu Clad doors are delivered with 32mm low-energy, safety glazing with a black Warm Edge spacer (toughened / laminated). The Ug of the standard pane is 1.2 w / m²K

Triple glazing

The doors can be delivered with 47mm low-energy, safety triple glazing with a black warm edge spacer. The Ug of the triple glazing is 0.53 w / m²K.

Panels

The doors can be fitted with a 32mm or 47mm panel. The composite panel has an aluminium skin on the outside and can be flush, raised and fielded, or have grooves.



Flush panel



Raised and Fielded panel



Panel with Grooves

Spacer bar

Standard spacer bar is a Black, Warm Edge spacer.

Bonded / astragal bars

Cleverly designed to achieve minimum heat loss and exploit maximum light, our windows are double-glazed with a grille between the two panes. As the bar does not touch the glass on either side, there is no cold bridge. The bar is available in a 24mm, 42mm and 60mm version.

24mm



24mm Softline - inside



24mm Classic - inside



24mm - outside

42mm



42mm Softline - inside



42mm Classic - inside



42mm - outside

60mm



60mm Softline - inside



60mm Classic - inside



60mm - outside

Delivery and Storage

All Allan Brothers windows and doors are delivered securely fastened to pallets and wrapped in protective plastic to prevent damage during transportation.

Once delivered to site, the products must be stored in a safe, dry and well-ventilated environment, and the protective plastic wrapping must be removed immediately. The plastic wrapping is designed solely to protect the products during transportation and must not be left in place during storage. If left on, it can create a greenhouse effect, causing heat and moisture to build up around the products. This can lead to timber components, including glazing beads and bars, shrinking or moving, as well as swelling or blistering of the paint finish.

Products must therefore be stored correctly and protected from excessive heat, moisture and exposure to the elements.

Important: Any damage resulting from incorrect storage or from failure to remove the protective plastic wrapping following delivery will not be covered by the Allan Brothers warranty.

Product weight

The weight of individual products will be listed on the quote and order confirmation.

Maintenance and repair

All products are fitted with a label that contains a QR leading to O&M documentation.

Order information

All products are fitted with a label that includes order number, position number, size and colour. This number is unique to the product and identifies all relevant information needed in case of damage or warranty-related issues.

Default ordering settings

- 124 mm frame (incl. alu)
- Alu threshold, 118mm
- 74 mm sash (for double and triple glazing)
- Softline / Modern frame profiling
- 32mm low-energy glazing (47mm if triple glazing)
- Argon gas
- Black warm edge spacer
- Ral 7016 externally / RAL 9010 internally
- Tokyo Handle, Satin finish

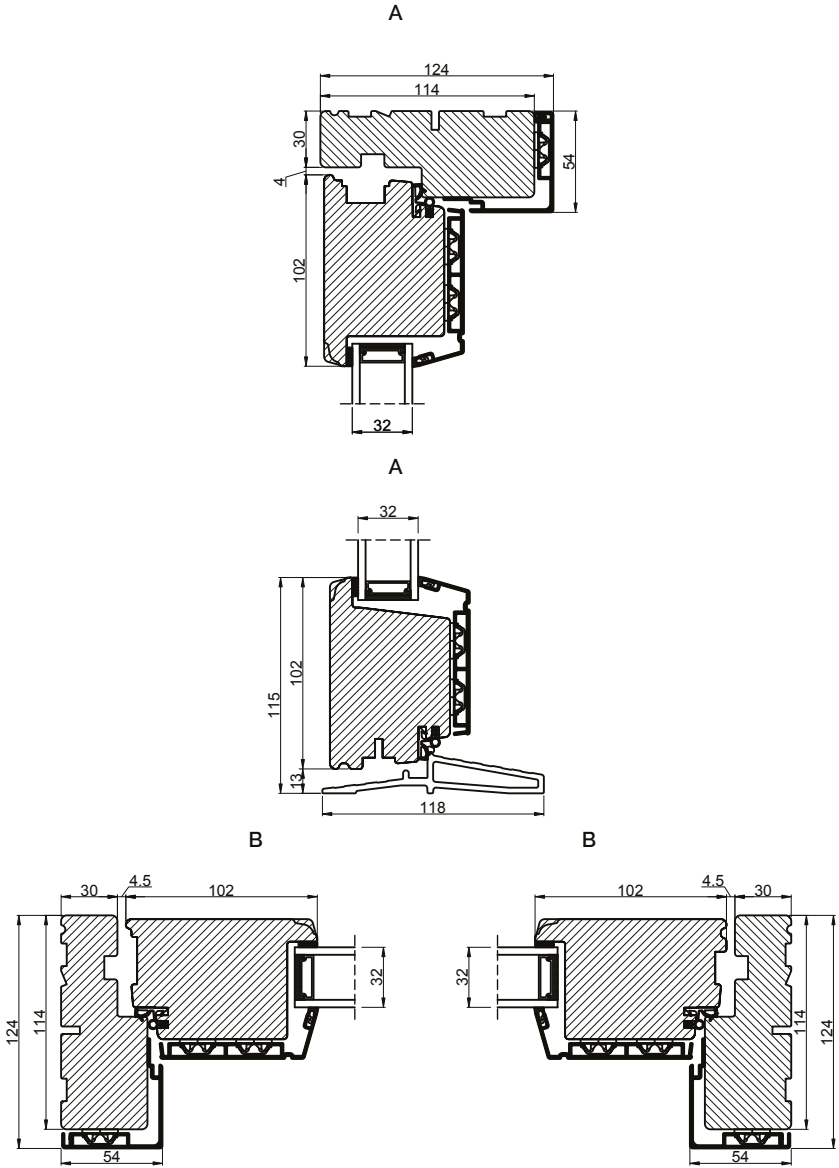
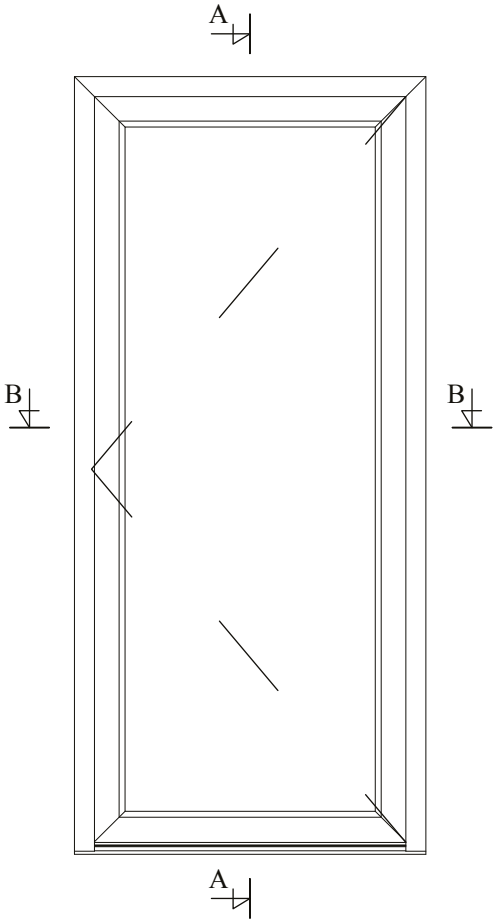
Warranties

- 10 Years – Paint finish (except stain and black finish), glazed unit, manufacturing
- 5 Years – Hardware / ironmongery, stained finish, black paint finish warranty

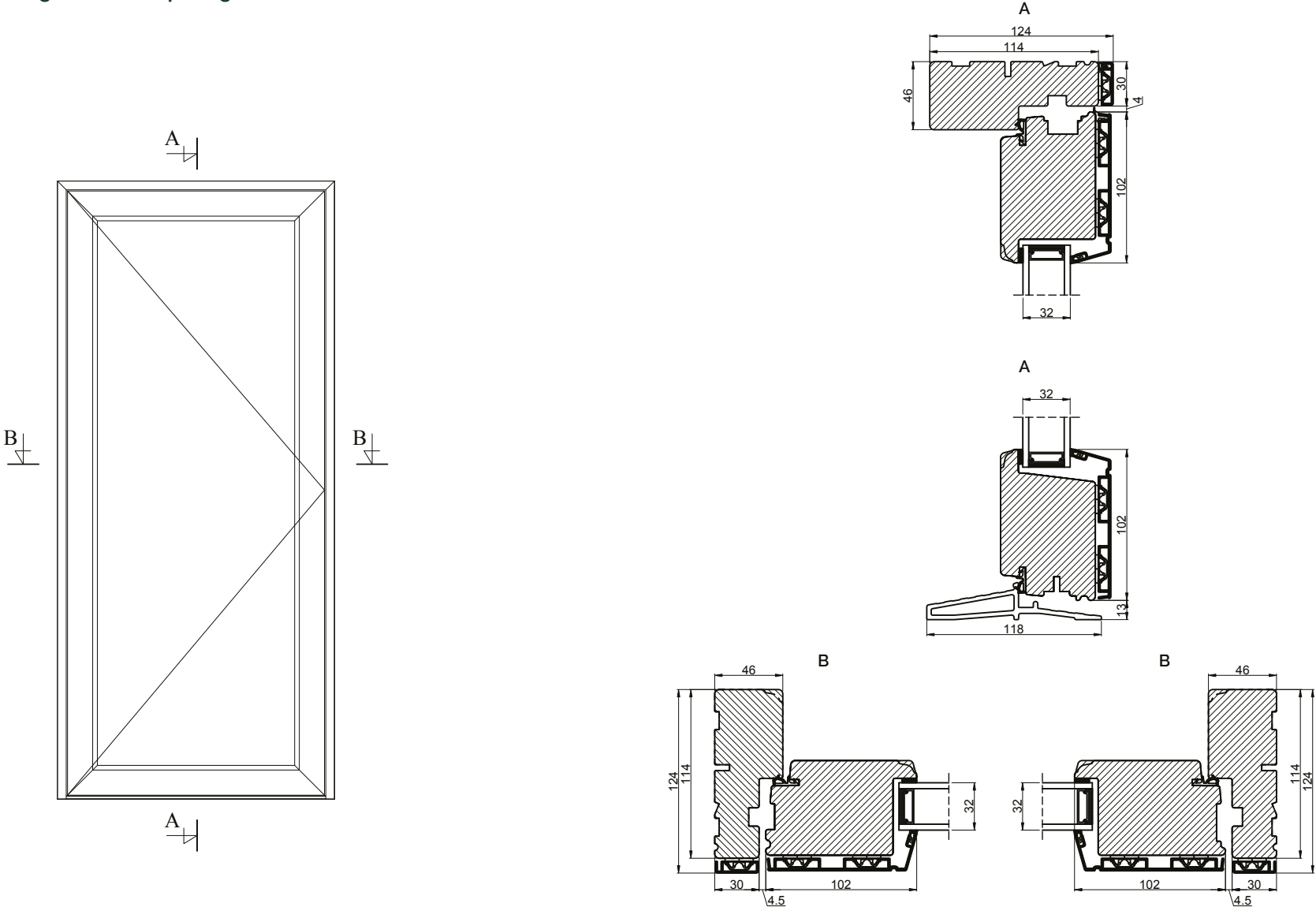
Certifications Secured by Design

- PAS24 (Q-mark) on single door

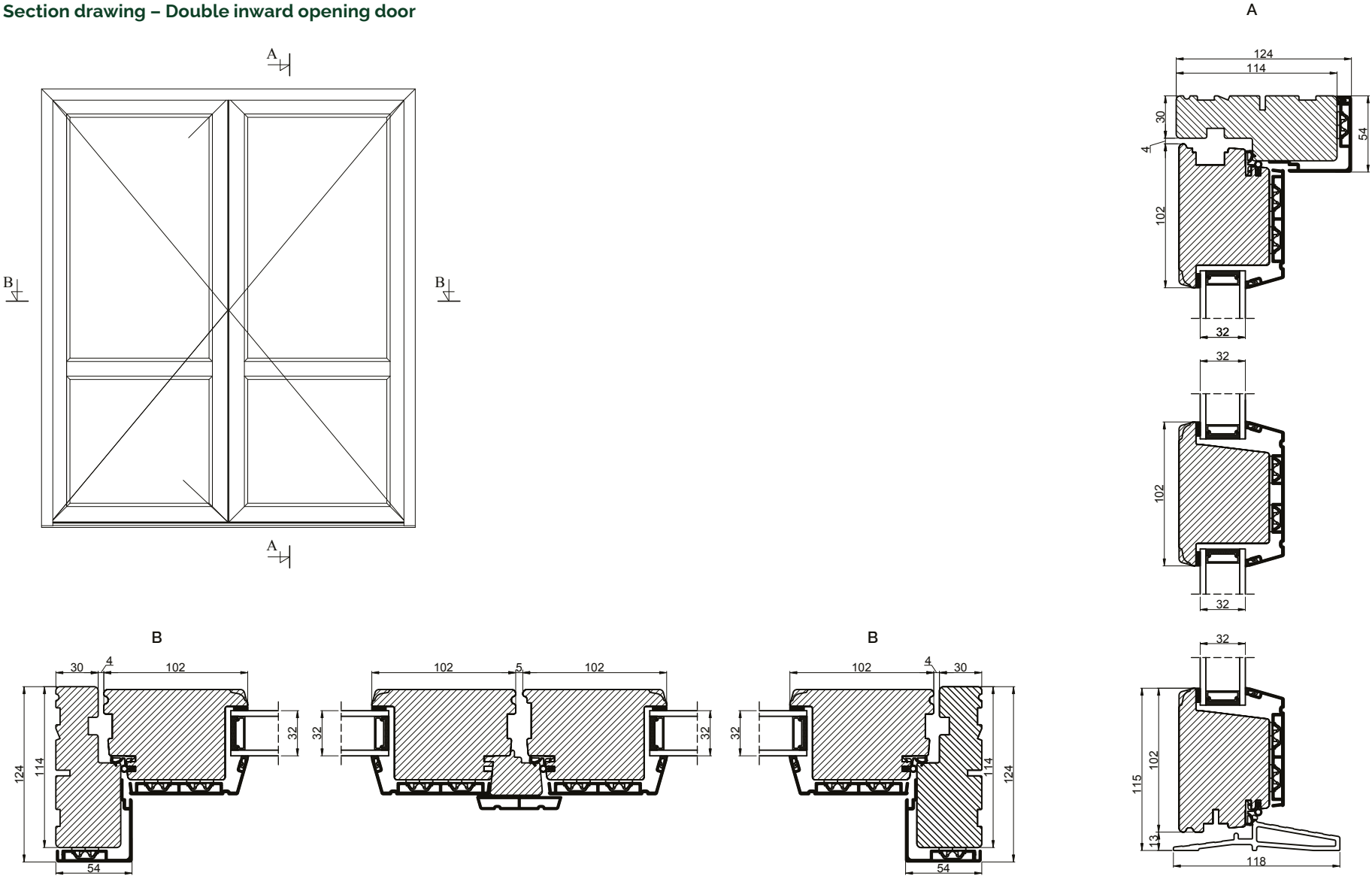
Section drawing – Single inward opening door



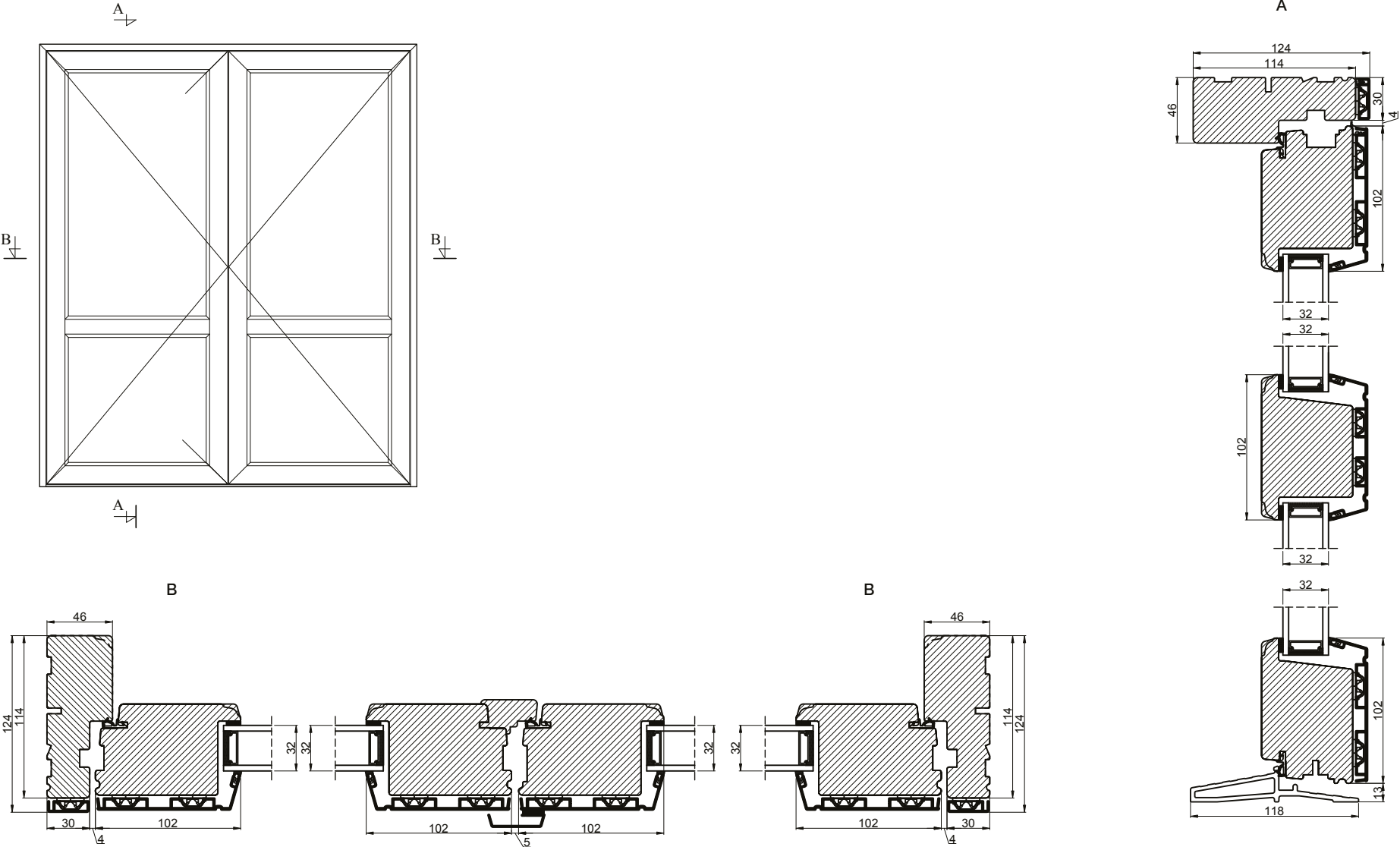
Section drawing – Single outward opening door



Section drawing – Double inward opening door



Section drawing – Double outward opening door



Section drawings – bars and midrail

