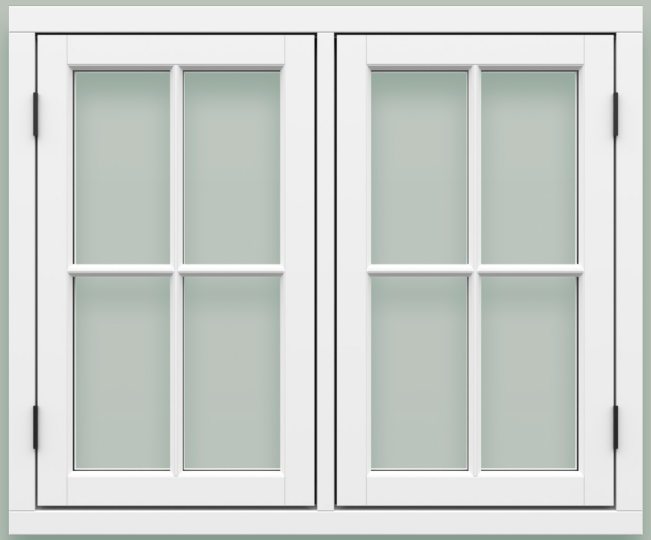
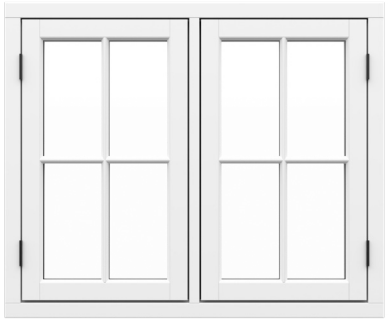
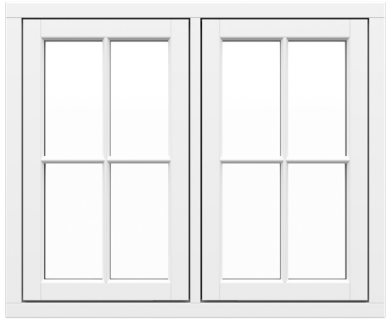
Heritage Casement Windows



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. Tophung casements with a friction stay hinge will have a window espagnolette system as standard. Tophung 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 an equal divide visually 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 orders 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.

Sidehung

- 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

Tophung with friction stay hinge

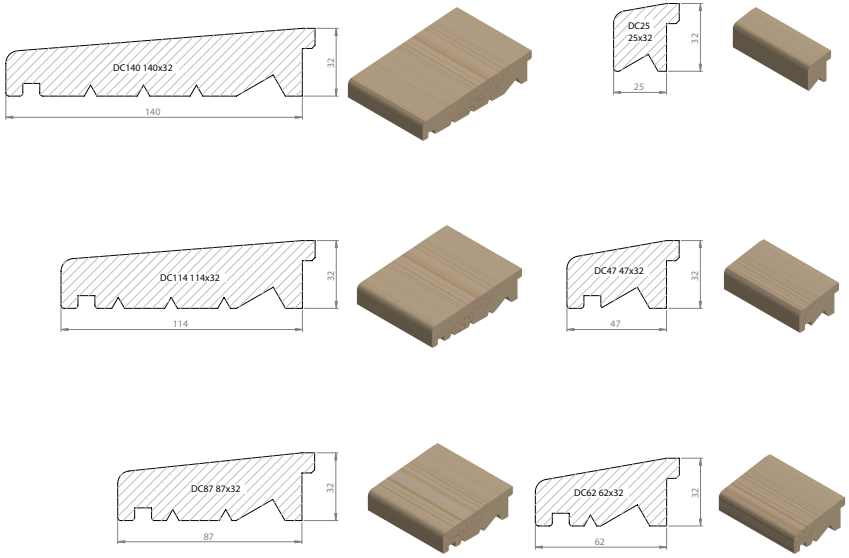
- Minimum width / height 420mm / 460mm
- Maximum width / height 1460mm / 1610mm

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 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 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 and 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 Whte
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

Standard window hardware



Monkey tail handles
Chrome, gold, graphite, antique black



Tear drop 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 / m^2K
- Toughened (toughened both sides) Ug 2.1 w / m^2K

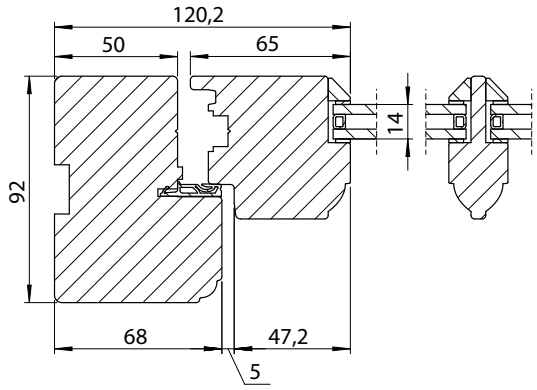
Spacer bar

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.



Installation / delivery information

All our windows and doors are delivered on a pallet (securely fastened). The products (pallet) are wrapped in a protective plastic wrapping, which protects the product on route to site. Once delivered to site, the products must be stored in a safe and dry environment and the plastic wrapping must be removed. If left on, the plastic wrapping functions as a green house, which can make the products overheat leading to the paint swelling or breaking,

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

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

Thermal performance

- 2.1 W / m^2K (double glazing with argon)
- 2.5 W / m^2K (double glazing with air)

Section drawing - Heritage Casement

Externally glazed, 92mm frame

