

Scotdoor / Composite Entrance Doors – Single / Double

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. The Scotdoor are externally beaded, can be single or double and can open in or out.

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 + 2 x 9mm plywood
- Secure 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. Head drip default.
- Fixed sidelights (dummy sashes) can have concealed vents.
- Fixed glazed to frame sidelights cannot have vents
- Traditional weather board at the bottom of the door
- Double doors: There is a cover facing on the inside and outside to conceal the clearance between the two door leaves

Outward opening doors

- Visible door butt hinges on the outside of outward opening doors
- 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 of inward opening doors
- 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 / 1840mm
- Maximum width / height 1060mm / 2260mm

Double doors:

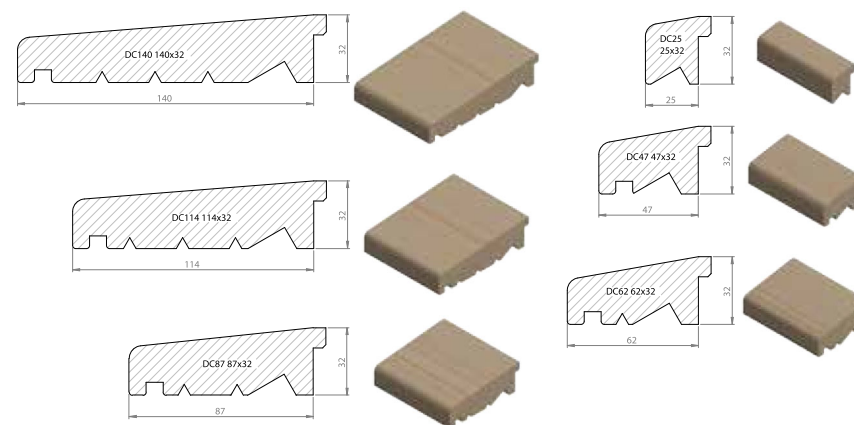
- Minimum width/height 1100mm / 1896mm
- Maximum width/height 1980mm / 2260mm

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 width of the frame 92mm.

Cill Extension dimensions:

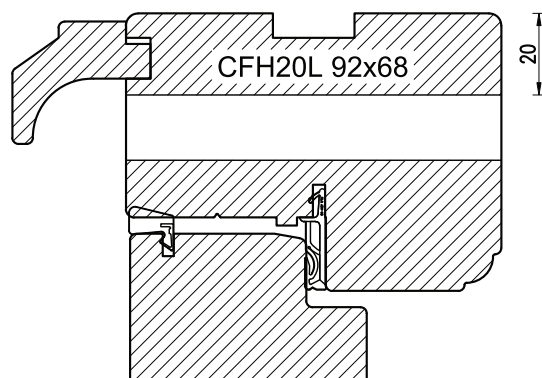
- Width: 25mm, 47mm, 62mm, 87mm, 114mm and 140mm
- Height: 32mm



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

Head Drips

Doors are defaulted to have a head drip. 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:

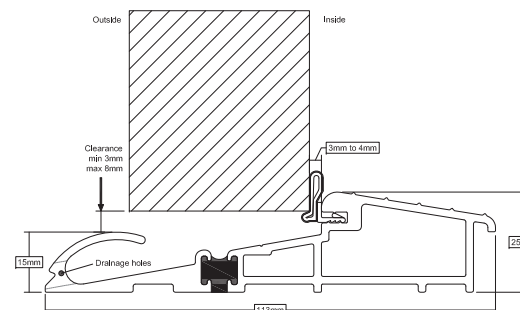
- 20mm, 30mm, 35mm, 40mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 85mm, 100mm

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

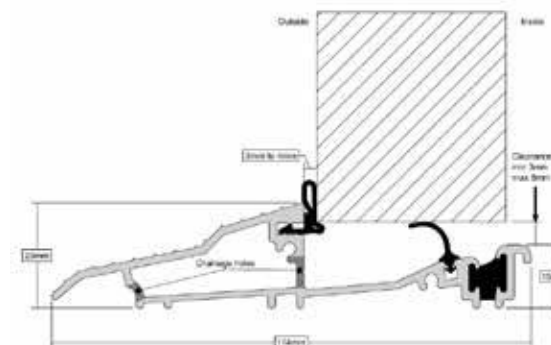
Outward opening doors:

- 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 up inward opening doors always make sure to allow for the internal flooring height. In many instances a sub-sole will be required to allow for the internal flooring.

Finish / Colours

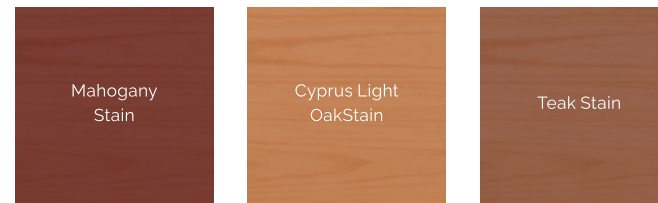
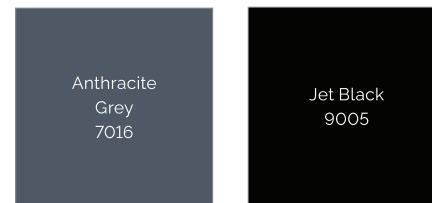
As a standard, Allan Brothers offer 10 RAL colours you can pick from. These are included in the price and can be supplied on a standard lead time. We also offer 3 Stain colours as standard, but they come with an extended lead time.

. 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 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



Hinges

- Zinc butt hinges for single and double doors

Handle position (from underside of door leaf)

Single doors

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

Double doors

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

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.



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 / Satin Anodized (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 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 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

- Stippolite, 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:

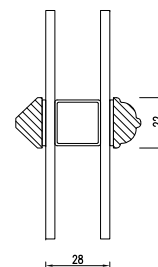
- Black, Warm Edge (text printed in light grey)
- White, Warm Edge (text printed in light grey)
- Silver (not Warm Edge) (text printed in black)

Bonded / Astragal Bars

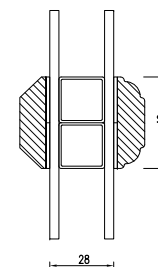
Our bonded / astragal bars feature an ovolo profile on the inside and a bevel profile on the outside. We offer 3 types of bar dimensions:

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

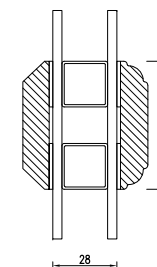
22mm BONDED BARS



40mm BONDED BARS



56mm BONDED BARS



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 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

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

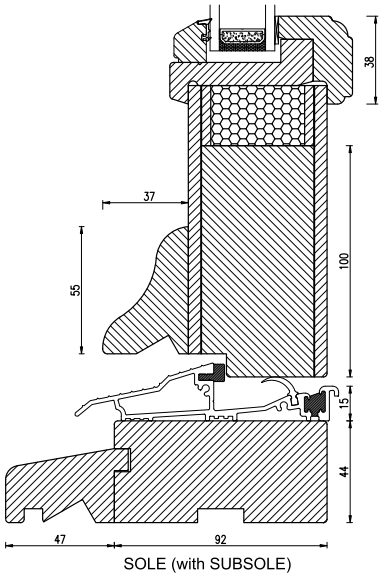
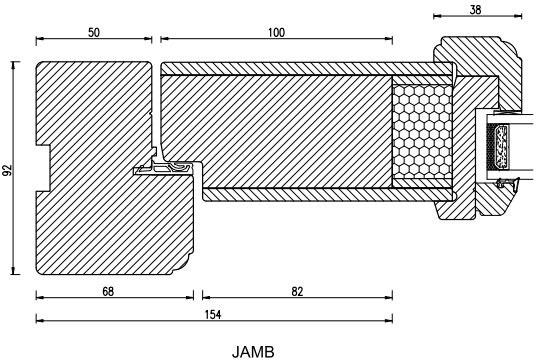
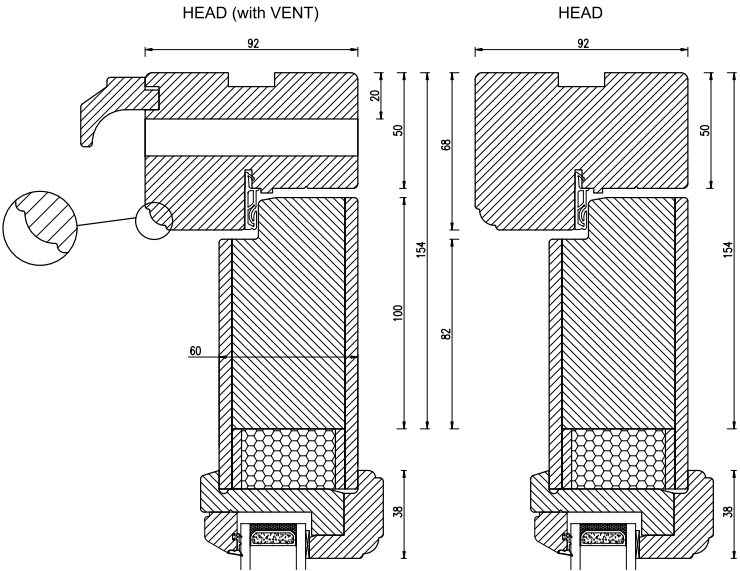
- Secured by Design
- PAS24 (Q-mark)
- ISO9001

Thermal Performance

- 1.2 W/m²K (Double Glazing)

Scotdoor, inward opening

Externally Glazed Sections



Scotdoor, outward opening

Externally Glazed Sections

