

ONE SIZE Pre-Finished ULTIMATE EXTERNAL TIMBER DOOR FRAME

FITS DOORS 1981mm x 762mm / 838mm and 2032mm x 813mm
(78 x 30 / 33 and 80 x 32)



USE THE FRAME FOR THE INSTALLATION
OF THESE DOOR MODELS ONLY



MALMO



OSLO



STOCKHOLM

About your ULTIMATE External Timber Door Frame

ULTIMATE External Door Frames must be installed in accordance with accepted good trade practice and in accordance with these supplied instructions and maintained in accordance with the maintenance procedures in the Homeowners manual, or else the warranty shall be void.

Important information

- We recommend that a competent tradesperson install this product.
- Although the frame can be assembled and installed by a single person. The door is heavy so a single person must never carry out the installation of the door. (2 people required)

Care of Timber Doors and frames on site

- Please check the frame at time of delivery to ensure that it is acceptable and in good condition. If you find any damage please inform your supplier immediately.
- When storing prior to installation the frames should be kept in their packaging, handled with care and stored in a dry, ventilated building. Frames should be stored flat on a level surface (not on edge or on end).
- Doors should not be stored or fitted in the building until the wet trades such as plastering, painting etc. have been completed and the room is dried out.

The properties of timber

No two trees produce identical grains or colour of wood and this adds to the beauty of a natural product. We therefore cannot guarantee that all the frame components will look exactly the same in grain and colour. Warping of wood is not a defect if it does not exceed 1/4 inch (6mm) in its installed position.

Conditions of Sale

- We shall not be held responsible for any incidental work expenses arising out of, or because of any defect, in our product, or bad workmanship to our product. In the event of the goods having manufacturing defects and requiring replacement, our liability will be limited to the value of the door or frame component only. These notes do not affect your statutory rights with the retailer of this product.

Timber ULTIMATE Door Frames

All of our Timber ULTIMATE Doors are manufactured using the latest technology to reduce warping, bowing, twisting or splits - this is referred to in the trade as 'Engineered Construction'.

This construction provides a very stable frame and excellent strength.

Factory Pre-Finished

Your ULTIMATE External Door Frame is completely factory pre-finished with a High Build microporous wood coating system comprising one base coat and 2 top coats to provide a lovely appearance and superior protection against UV and the weather and is ready to install.



CONTENTS

Frame Jambs L / R	Quantity 2pc	 Draft seal AQ21 Weather Seal 2.3m length	Quantity 3pc
Frame Head	Quantity 1pc		
Frame Cill	Quantity 1pc		
Aluminium Threshold	Quantity 1pc		

ASSEMBLY OF THE FRAME

The frame is designed as a 'one size' frame to fit Door Sizes : 1981mm x 762mm / 838mm and 2032mm x 813mm.
(78 x 30 / 33 and 80 x 32)

IMPORTANT NOTE

As the ULTIMATE Door Frame and Doors are completely factory Pre-Finished.

We have designed the Frame, so it can be assembled with the clearances for Hinges, lock and aluminium threshold already allowed for, which means the door will not require trimming to size in Height and Width. The allowed clearances are 5mm at the top, 13mm at the bottom and 4mm each side.

Please see the Table:

Assembled Frame measurement between rebates		
Height: 1981mm (78") High door.	1981 + 5 + 13 = 1999mm	from top of cill to inside of head rebate.
2032mm (80") High door.	2032 + 5 + 13 = 2050mm	from top of cill to inside of head rebate.
Width: 762mm (30") Wide door.	762 + 8 = 770mm	Distance between the rebates on left and right frame jambs.
813mm (32") Wide door.	813 + 8 = 821mm	Distance between the rebates on left and right frame jambs.
838mm (33") Wide door.	838 + 8 = 846mm	Distance between the rebates on left and right frame jambs.
Built in clearance: 4mm each Side, 5mm Top, and 13mm for the aluminium threshold at the bottom.		
Height: 2032 + 5 + 13 = 2050	Width: 762 + 8 = 770	
1981 + 5 + 13 = 1999	813 + 8 = 821	
	838 + 8 = 846	
Assembled OUTER Frame Size after Trimming and Brickwork Opening Size		
<u>Door Size</u>	<u>Assembled Outer Frame</u>	<u>Brickwork Opening Size</u>
1981mm x 762mm (78 x 30)	2079mm x 852mm	2089mm x 862mm
1981mm x 838mm (78 x 33)	2079mm x 928mm	2089mm x 938mm
2032mm x 813mm (80 x 32)	2130mm x 903mm	2140mm x 913mm

1 **Selecting the Height :** 2032mm (80")

If the door height is 2032mm (80") then both frame jambs are already the correct height and requires no trimming or adjustment.

1981mm (78")

If the door height is 1981mm (78") BOTH frame jambs will require trimming to length at the point marked in the outer frame jambs. (Fig 1.)

As a double check, measure the distance between the frame head and top of cill before cutting the jamb down.

To avoid damaging the pre-finishing use a sharp Stanley knife to mark the line of cut, then use a sharp fine tooth saw to cut down the jambs, ensuring the cut is completely square.

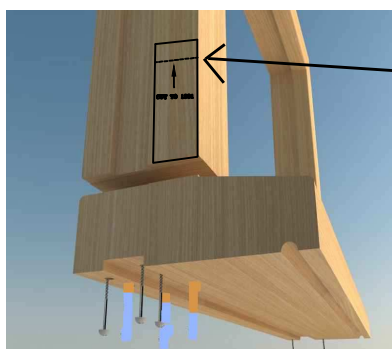


Fig 1

Cut the jambs at the point marked for 1981mm (78") High Doors.

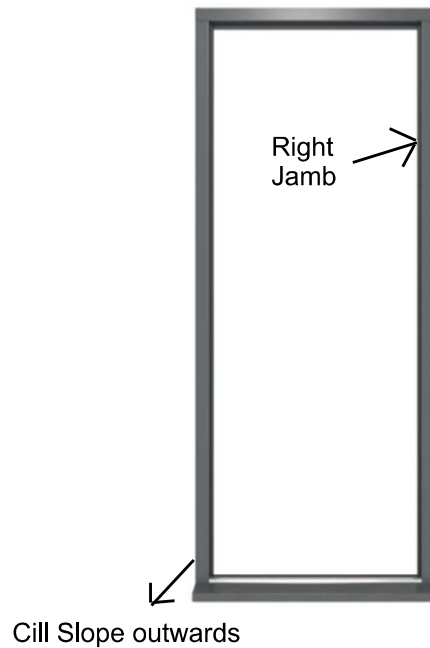
ASSEMBLY OF THE FRAME Continued

- 2** The assembly of the frame will start by assembling the right hand jamb together with the Head and Cill. (Fig 2.)

Fig 3

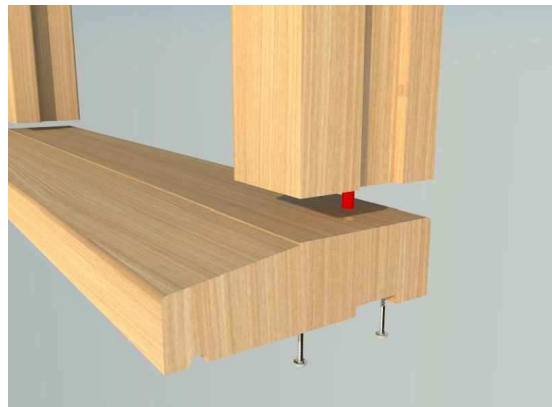


Fig 2



- a.)** With the right frame jamb level with the outside of the frame head use 3 screws to fix the jamb to the Head, using the Counter sunk holes in the head, fixing into the pilot holes at the ends of the jambs (Fig 3.) using 8 gauge screws, 2 x 70mm and 1 x 80mm.
- b.)** Place the right frame jamb onto the locating dowel in the Cill, then drill pilot holes in the end of the frame jamb. Finally fix the Cill and right frame jamb together using waterproof adhesive and screws, through the Counter sunk holes in the Cill, into the frame jambs, using 3 x 8 gauge 70mm screws. (Fig 4.)

Fig 4



ASSEMBLY OF THE FRAME Continued

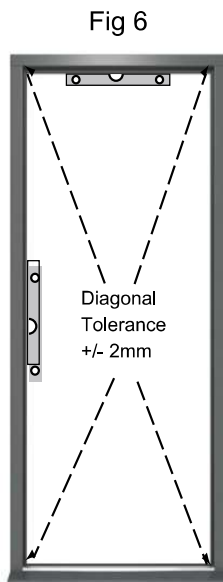
3 With the right frame jamb assembled together with the frame cill and head, the left frame jamb can now be fitted to complete the assembly.

- a.)** Select the width of your door (762mm (30"), 838mm (33") or 813mm (32")). Slide the left jamb into position in between the frame Head and Cill. The Cill and Head have 'pre drilled' countersunk holes corresponding to the 3 frame widths. Use a tape measure to double check the width between the rebates, then complete the drilling of the three fixing holes only, which are correct for the frame width you require.

Drill pilot holes in the ends of the frame jambs, then using waterproof adhesive and 8 gauge 2 x 70mm and 1 x 80mm screws to fix the head to the left frame jamb and 3 x 70mm screws to fix the cill to the left frame jamb.

This completes the assembly of your frame. (Fig 5.)

Fig 5



- b.)** Finally check the frame assembly is square and true (Fig 6.)

- c.)** Trim the overhanging ends of the head and cill so they are level with the outer sides of the left frame jamb. First, to avoid damaging the pre-finishing, use a sharp Stanley knife to mark the line of the cut, then use a sharp, fine tooth saw to cut the ends of the frame Head and Cill. (Fig 7.)

Fig 7

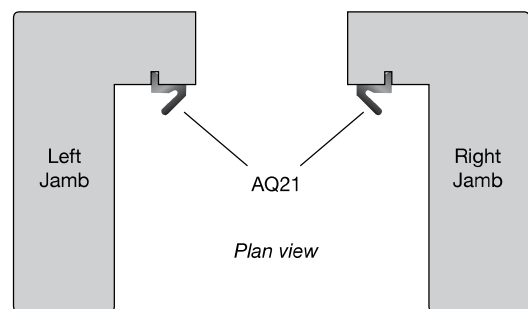


ASSEMBLY OF THE FRAME Continued

- 4** Use the 'Touch Up Kit' provided with the door to prefinish any raw timber on the frame which has been exposed by trimming.
Apply 2 coats, leaving time to dry in between coats.

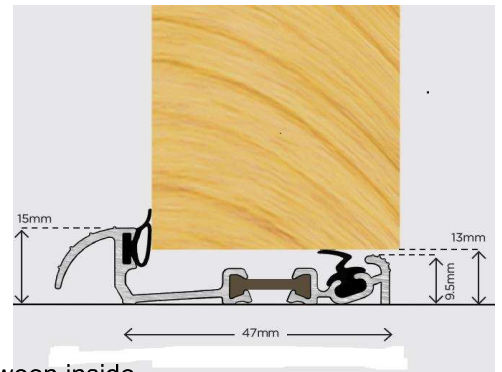
Installation of the AQ21 Weather Seal.

- 5** Apply the kerf of the AQ21 Weather Seal into the frame jambs and head.
Cut to length as required.



Installing the Aluminium Threshold

- 6** Please note the clearance required in the Door Height.



- Remove rubber seals from aluminium sill section. Measure width between inside faces of the doorframe rebate and cut aluminium section to this size.
- Notch both ends of the cill to allow it to fit into the doorframe rebate.
- Cut the rubber seals 10mm longer than the aluminium and re-insert into the grooves in the cill.
- This cill requires an under door clearance of 13mm.
- Position the assembled cill between the doorframe and mark fixing points.
Remove cill then drill fixing holes.
- Apply silicone sealant to the underside at the front and back of the sill, then screw the aluminium threshold to the top of the wooden cill.
Apply a blob of Silicone sealant around the screw heads to seal against water ingress.

ASSEMBLY OF THE FRAME Continued

7 Apply Silicone Sealant to any gap between the Aluminium threshold and the frame jambs. Also, it is good practice to add a bead of Silicone to the exterior perimeter of all 4 joints of the frame. (Jamb / Head) and Head / Cill) to seal against possible water ingress.

8 Assembly of the frame into the brickwork opening. Use fixing straps for an 'invisible fix' OR use direct fix screws, OR Frame fixers at 4 fixing points in each frame jamb.

