

Centurion Interiors
Partition Systems

Demountable Partitions
Glass Partitions
Acoustic Glass Doors
Timber Doors
Bespoke Solutions



Installation Guide
System 2000

TRULINE 
systems



Tape Measure



Toolbox



Drill



Mitre Saw



Laser Level



Installation
video guide

- Fixings to third party substrates are not provided by Truline Systems and should be assessed and sourced by the installation team.

Solid Installation

Step 1a – 6a

Solid incorporating glazed installation

Step 1b – 5b

Door frame installation

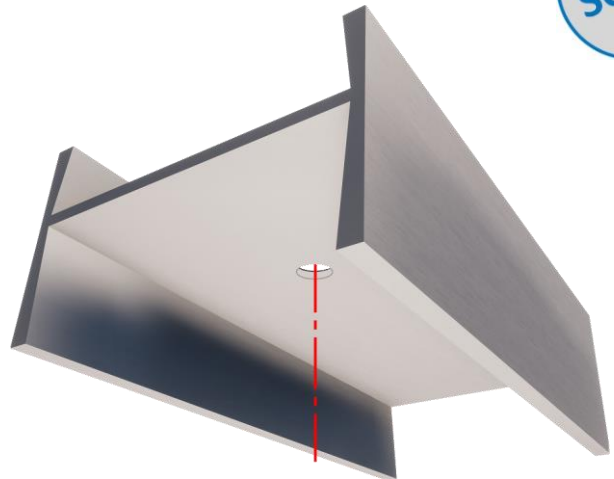
Step 1c – 5c

SOLID - STEP 1a

Accurately mark out the partition layout.

Cut the reversible head channel (PT1002) as necessary to the required lengths.

Fix to the ceiling using suitable screws at max. 150mm from each end and at max. 600mm centres and ensure the shallow side of the track facing upwards.



Note: It is common to omit the reversible head channel (PT1002) at the position of any 90° or 135° corner posts. This is to allow the junction posts to fit from the floor to the underside of the ceiling.



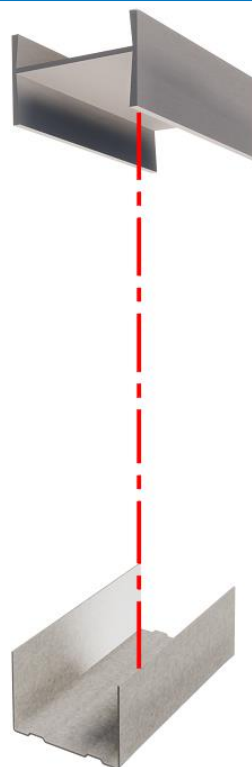
For wall abutments, cut the upright post (PT1004) to fit neatly between the head channel and the floor.

The upright post should be fixed back to the wall using suitable screws at 600mm centres, ensuring the post is plumb.

SOLID - STEP 2a

SOLID - STEP 3a

The 52mm steel floor track is cut to 100mm lengths and a minimum of 3 per module is fixed to the floor using suitable screws.

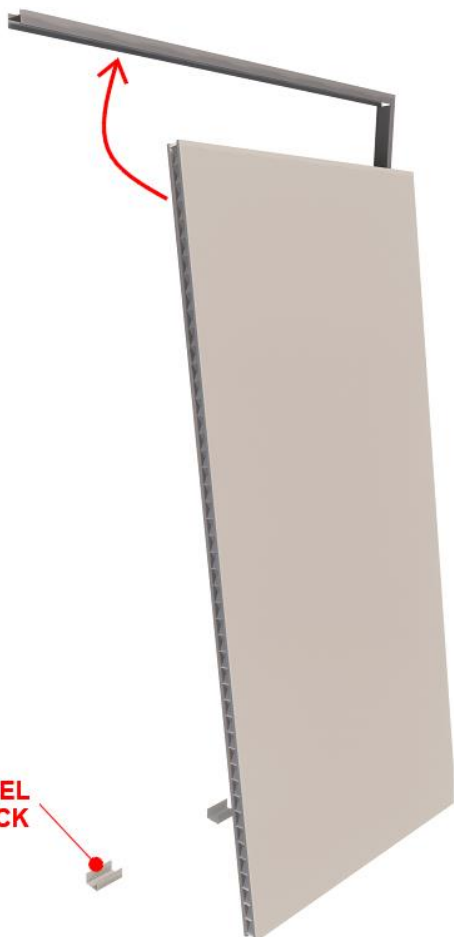


For partitioning incorporating glazing, please now jump to Step 1b

Cut the first panel to the correct height for the first module.

The panel is then lifted into the head channel and slid across into the steel floor track until in position.

52mm STEEL
FLOOR TRACK

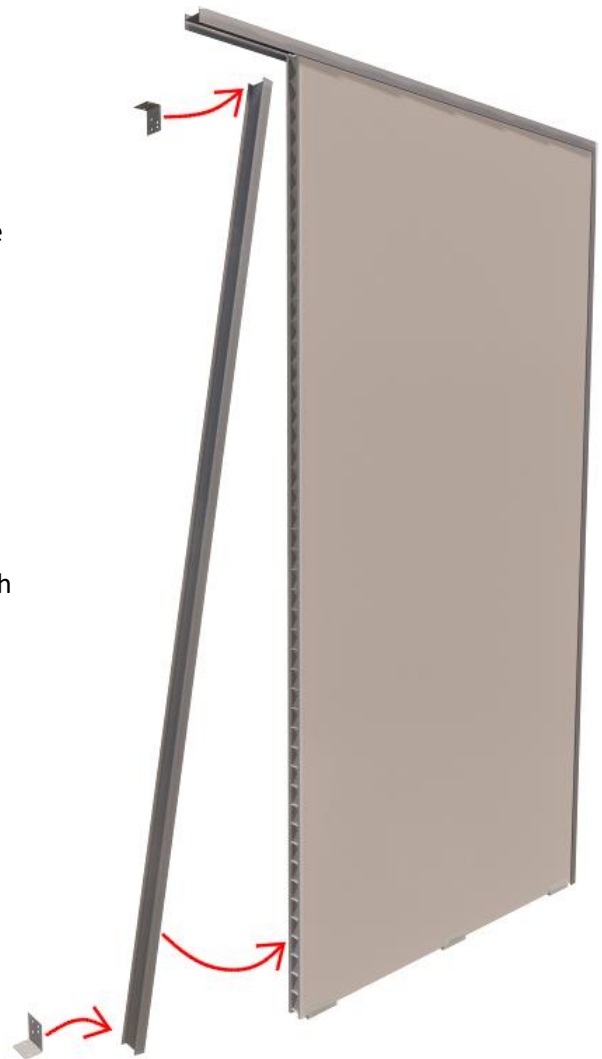


SOLID - STEP 4a

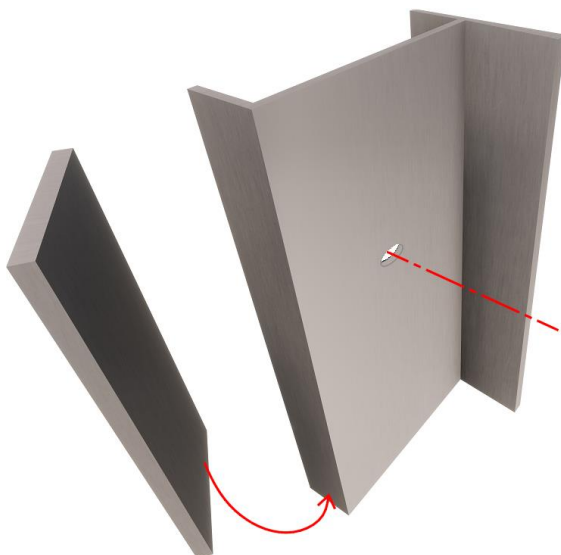
SOLID - STEP 5a

The next upright post (PT1004) is cut to fit neatly between the head channel and the floor, positioned at the edge of the panel, and fixed with an angle bracket at each end, to the head channel and the floor, ensuring the post is plumb in both vertical planes. Two fixing screws are used through each side of the brackets securing it to the upright post, head channel and floor.

The installation proceeds in this manner with the inclusion of junction posts as required, also fixed with a bracket at each end to the head channel and the floor.



To enable the last wall abutment panel to be fitted, a two part wall abutment is utilised. This comprises an abutment post (PT1023) and a flat bar (PT1008). The abutment post is cut to length and fixed with screws at 600mm centres to the wall.



The panel is cut to size and offered into position. To retain the panel the flat bar is now screwed to the abutment post.

The panel faces are now decorated with the specified finish, and the skirting, with self adhesive foam on the reverse, is fixed across the face of the upright posts (the foam is removed at these positions) with screws to complete the installation.

SOLID - STEP 6A

GLAZED - STEP 1b

Ensure that you have completed steps 1a to 3a

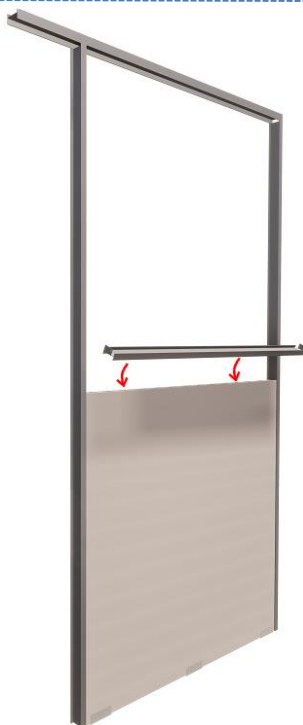
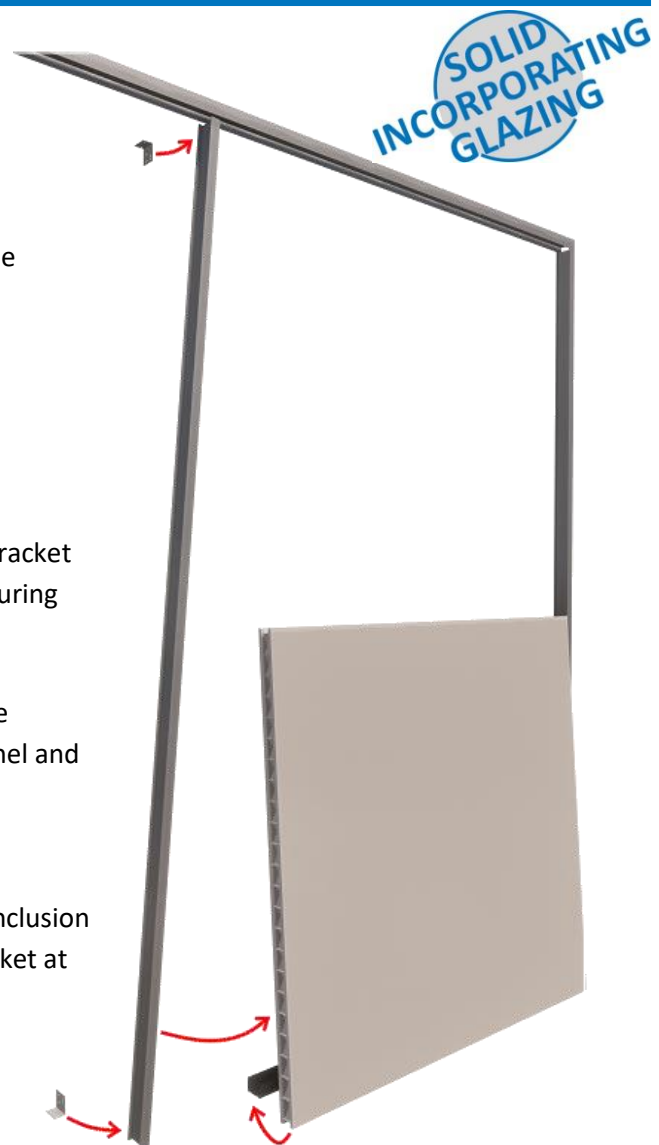
Proceed by installing the first panel which has been cut to suit the partitioning layout.

The next upright post is cut to fit neatly between the head channel and the floor. It is positioned at the edge of the installed panel (precut, pre-bracketed transoms can be used to accurately set out the upright posts).

The upright posts can then be fixed with an angle bracket at each end, to the head channel and the floor, ensuring the post is plumb in both vertical planes.

Two fixing screws are used through each side of the brackets securing it to the upright post, head channel and floor.

The installation proceeds in this manner with the inclusion of junction posts as required, also fixed with a bracket at each end to the head channel and the floor.



Half glazed partitions:

Pre-bracketed transoms are then fixed across the tops of the fixed panels, ensuring the transom is fully supported on the panel edge to evenly distribute the weight of the glass when it is installed.

The transom is then fixed to the upright posts, screwed through the brackets.

The preceding construction method will form half-glazed elevations.

GLAZED - STEP 2b

GLAZED - STEP 3b

Part glazed partitions:

For mid glazed elevations the upper transom and panel are now installed.

The transom is positioned, fixing holes drilled and it is temporarily screwed in place.

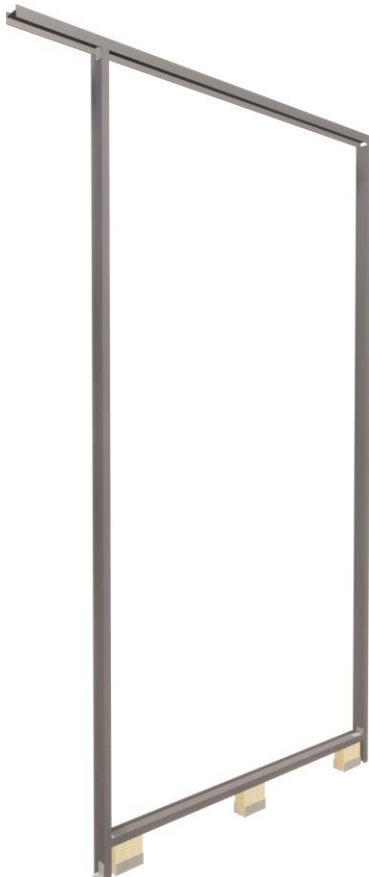
The panel required is measured and accurately cut to size.

The transom is removed, the panel is positioned (the uprights can be flexed outwards sufficiently to permit installation), and the transom is re-fixed in place.



Fully glazed partitions:

Position the flaxboard or timber 100mm deep battens in line with partitioning run and offer the transom on top of this ensuring the transom is fully supported by the packer.



The transom is then fixed to the upright posts, screwed through the brackets.



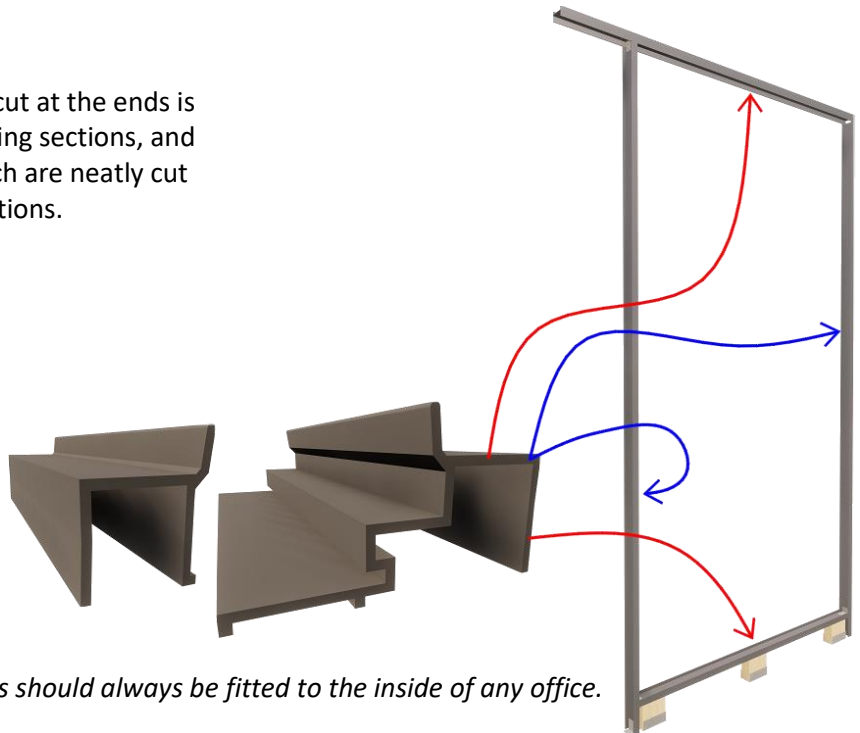
GLAZED - STEP 4b

GLAZED - STEP 5b

Installation of glazing sections

The glazing chair, simply square cut at the ends is fitted first to the horizontal framing sections, and then to the vertical sections which are neatly cut to fit between the horizontal sections.

The glazing beads are then cut and fitted in the same manner, continuing until the partition is completed.

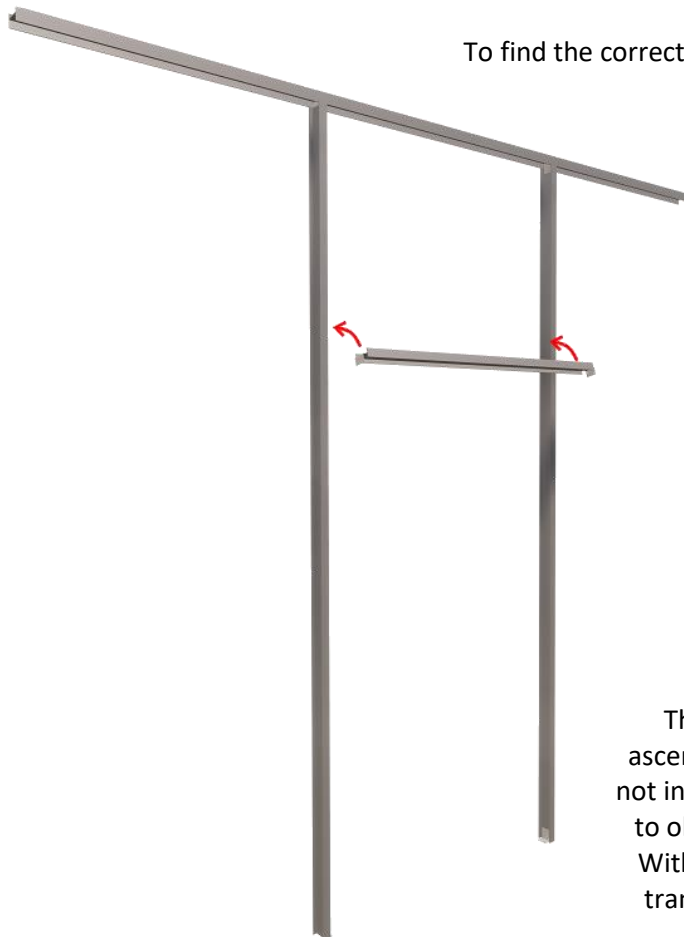


Note: For single glazed, the beads should always be fitted to the inside of any office.

DOOR FRAME

The first door module upright post is cut and securely fixed in position with bracket to each end of the head channel and the floor, ensuring the post is plumb in both vertical planes.

To find the correct setting out information, please scan QR code.



The second post is accurately positioned and fixed with a bracket at each end, to the head channel and the floor, again ensuring the post is plumb in both vertical planes.

The height at which the transom is to be fixed is ascertained via the QR code. If the floor covering is not in place allowance can be made for its thickness to obviate the need to trim the height of the door. With the transom brackets facing downwards, the transom is screwed in position ensuring it is level.

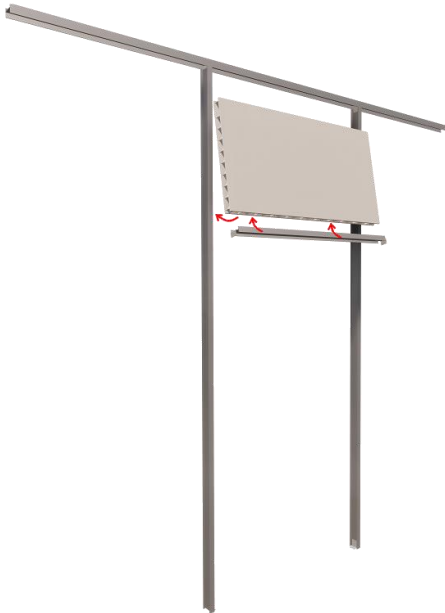
FRAME – STEP 1c

FRAME - STEP 2C

Doors with solid panels above:

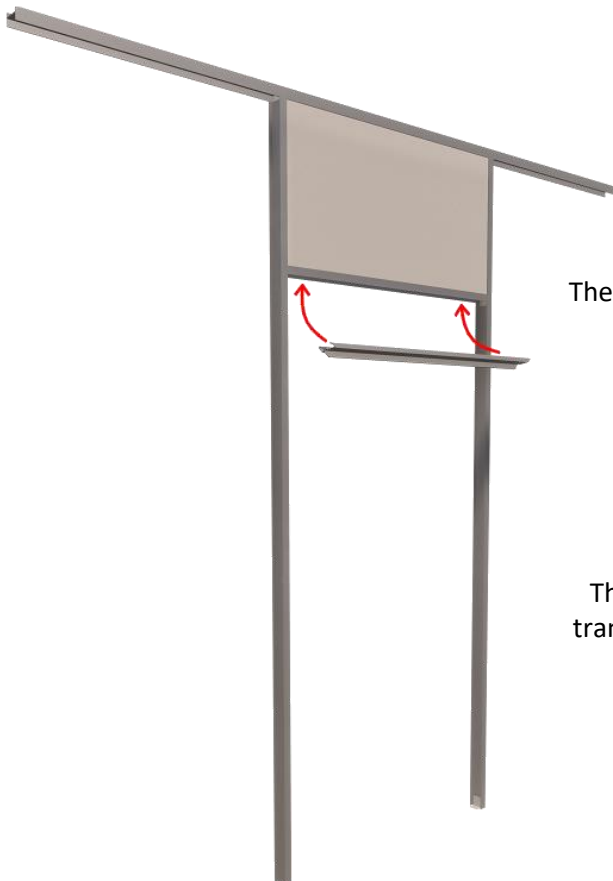
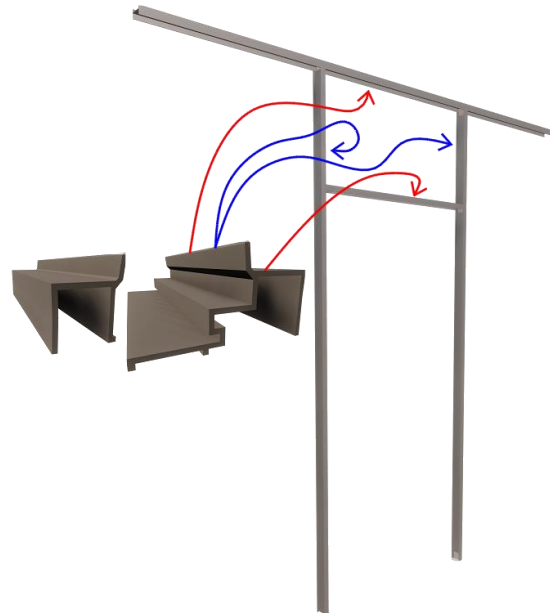
The over panel required is measured and accurately cut to size.

The transom is removed, the panel is positioned (the uprights can be flexed outwards sufficiently to permit installation), and the transom is re-fixed in place. Ensure that any transoms in consecutive modules are checked for line and level.



Doors with glazed panels above:

The glazing chair, simply square cut at the ends is fitted first to the horizontal framing sections, and then to the vertical sections which are neatly cut to fit between the horizontal sections. The glazing beads are then cut and fitted in the same manner, continuing until the partition is completed.



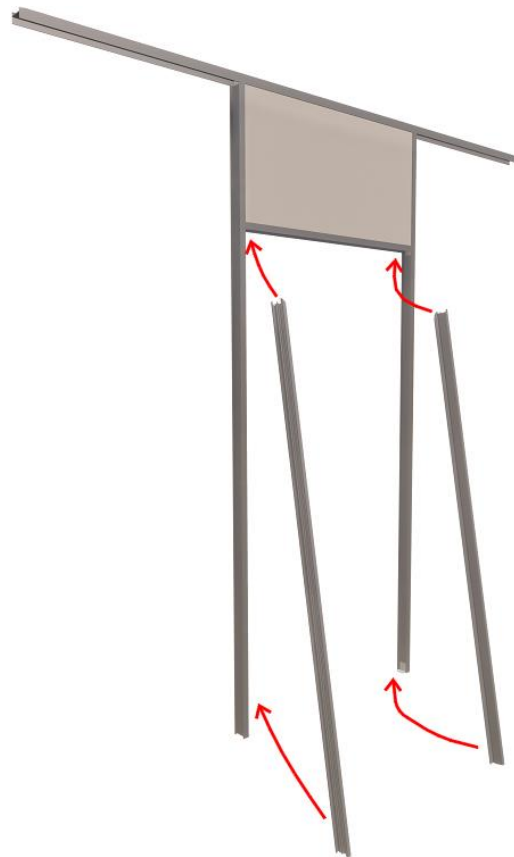
The frame stiles and head are cut to length, removing the surplus from the correct end of the stiles.

The door frame head is installed first, fitted into the transom and screwed in place with the 38 x 4mm self tapping screws provided in the door frame pack.

FRAME - STEP 3C

FRAME - STEP 4C

The door frame stiles are next fitted into the upright posts ensuring that the mitres are closed tight, and screwed in place with the 38 x 4mm self tapping screws provided in the door frame pack.

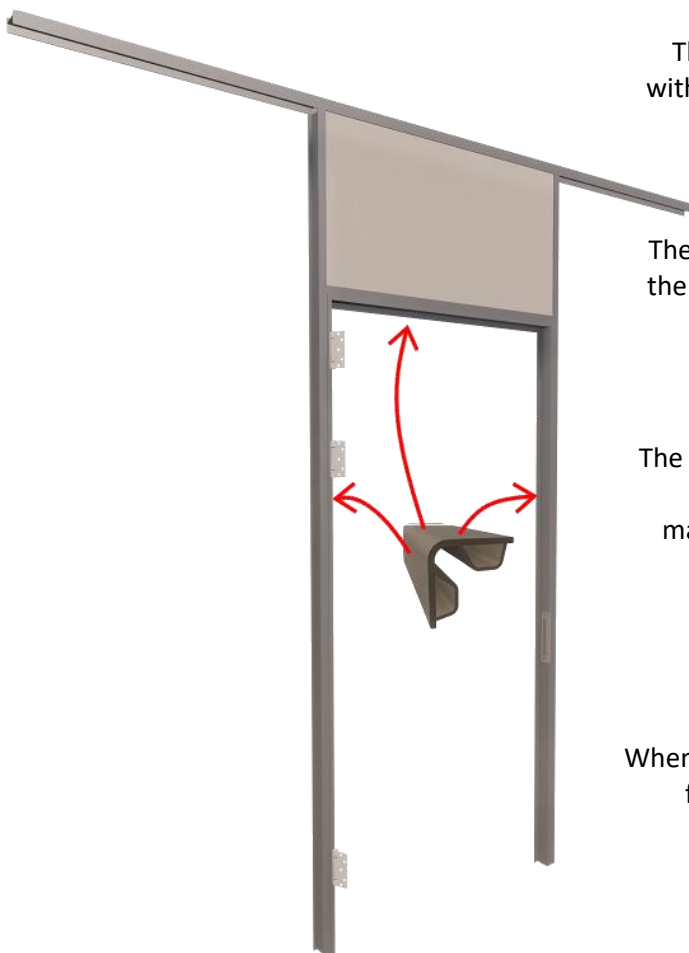


The door frame seal can now be neatly cut to fit within the frame recess, and clipped into position.

The lock keep is fitted into the machined recess in the frame stile and fixed in place **with two screws**.

The hinges are located in the machined recesses in the frame stile and secured in place with the machine screws provided in the door frame pack (one machine screw per hinge).

When the door is hung two further fixings are made for each hinge using the 38 x 4mm self-tapping screws provided in the door frame pack.



FRAME – STEP 5C

Please scan the relevant QR code below for specific System 2000 documentation.



System 2000
Design Guide



Partitioning
Systems O&M



Doors O&M



Partitioning Safety
Data & COSHH



Doors Safety Data
& COSHH



If you have any questions regarding this installation guide or require further assistance, please contact Truline Systems technical team.

Contact Us:



Birmingham

NDI, Meridian Way
Core 42 Logistics Park
Watling Street
Tamworth
B78 1TX

T: 01213 522 460
E: birmingham@ndi.co.uk

London

NDI, Unit 18, IO Centre
Kimpton Park Way
Sutton
SM3 9BW

T: 020 8254 2380
E: london@ndi.co.uk

Maidstone

NDI, Loc8,
Unit 12
Maidstone
ME17 1XG

T: 01622 790 622
E: maidstone@ndi.co.uk

Milton Keynes

NDI, Unit 2, Bilton Road
Denby East
Bletchley
MK1 1HW

T: 01908 640 634
E: milton.keynes@ndi.co.uk

Newport

NDI, Unit 4
Tregwilym Road
Rogerstone
Newport
NP10 9DQ

T: 01633 898 340
E: newport@ndi.co.uk

Newton-Le-Willows

NDI, Unit 7
Anglezarke Road
Newton Le Willows
WA12 8DJ

T: 01925 220 827
E: newtonsales@ndi.co.uk

Poole

NDI, Albany House
Elliot Road
Poole
BH11 8JH

T: 01202 576 006
E: poole@ndi.co.uk

ndi.co.uk

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