



PREMIUM DOUBLE DOOR

Range 1 & 2 Piano Hinge Style
Access Panels for Walls & Ceilings



FITTING INSTRUCTIONS

www.accesspanels.co.uk



REVELATION THROUGH CONCEALMENT

Thank you for choosing the Premium Double Door Access Panel made with care in our Lincolnshire factory. Please read this installation guide to help make the fitting process easier and see the video fitting guides on the website.

Important Fire Rating Notice

The Premium Double Door Access Panel is a passive fire rated protection product that has successfully passed fire tests for over 2 hours. However, the fire rating of any doorset is subject to a number of factors including the design of the wall or ceiling, installation and fire stopping. Please ensure the wall/ceiling meets the required fire performance criteria and the installation and fire stopping is carried out correctly. If there is any doubt please contact us.

REQUIRED TOOLS

Before you proceed with installation, you will require these tools:



Spirit
Level



Cordless
Drill



Screwdriver



Stanley
Knife



Assistant



Metal
Packs



Tape
Measure



Intumescent
Sealant



10mm
Spanner



BEFORE STARTING

Please see our recommendations below before installation.

Check the Door

Before opening the packaging please check for damage. The Premium Double Door Access Panel is protected with oversized polystyrene corners and heat shrink wrapped in heavy duty polythene. Please recycle all the packaging. There will be printed labels with Number/Type/Position/Floor and Size at the door ends, edges and the back of the door. Please ensure the information corresponds with the installation position.

Check the Wall/Ceiling

The wall/ceiling will need to be constructed to meet the required fire performance. Exposed timber lining studs will need to be protected with plasterboard. Steel lining studs can be left exposed. Internal frame fixing positions will be 25mm & 40mm from the face of the wall/ceiling surface. For the Beaded Frame type the doorset should also be face fixed through the beaded flange.



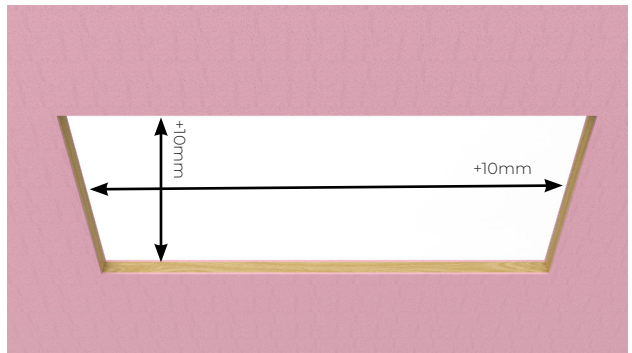
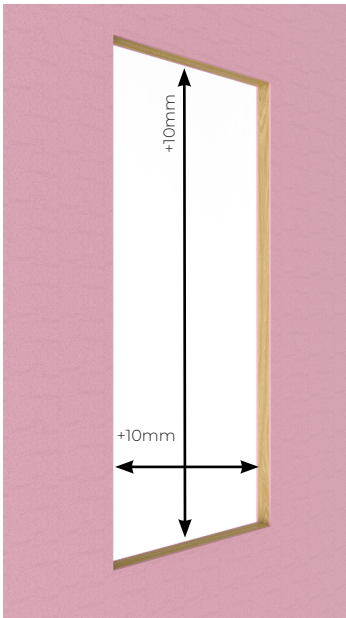


DOUBLE DOOR ACCESS PANEL INSTALLATION

The double door is supplied assembled in the door frame or for larger doors half a frame is supplied attached to each half of the door.

1. CONSTRUCT THE OPENING

Carefully prepare the opening in the wall/ceiling 10mm larger than the doorset ordered to allow for fitting adjustment. The opening must be square, plumb and level.





2. UNPACK THE DOORS

Each pack should include a door, half a frame and a frame joining plate. Joining plate screws will be fitted in the joining plate or bagged separately. A key will be taped to the back of the door.



3. TAKE THE DOORS OUT OF THE FRAME

Use the 10mm spanner.

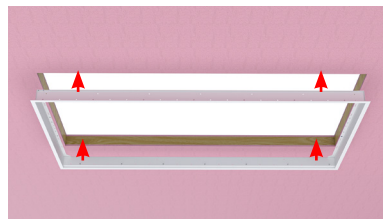
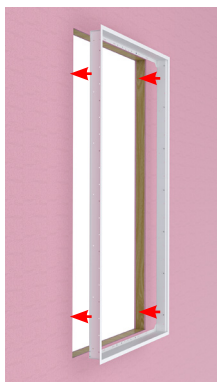


4. ASSEMBLE THE FRAME

On a flat surface use the joining plates to connect the two frame halves.

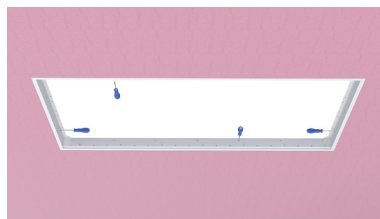
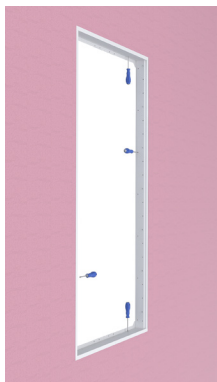


5. OFFER THE FRAME TO THE APERTURE



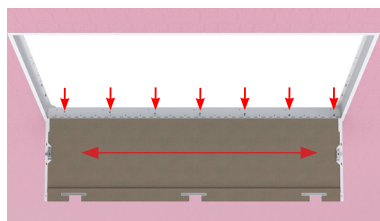
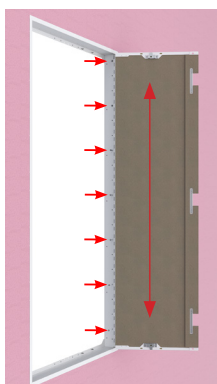
6. SCREW THE FRAME INTO POSITION

Using screws on each side, plumb and level the frame. The joining plates can be relaxed to allow some adjustment. Use minimum 45mm x 5mm Drywall fixings or longer to suit your wall/ceiling construction.



7. OFFER THE DOORS INTO THE FRAME

Hanging the doors is a two man operation. Splay the piano hinge open and hook the door onto the studs. Replace the washers and nuts. Align the door up and down/left to right ensuring equal side gaps. Then tighten the nuts.



8. CLOSING THE DOORS

Ceilings:

Close the passive door first. The passive door is aligned on a threaded stud holding the door at the correct height. Wind the nut up until the door face is level with the frame.

Close the active door supporting its weight until the locks are engaged. Ensure both locks are engaged before releasing the weight.

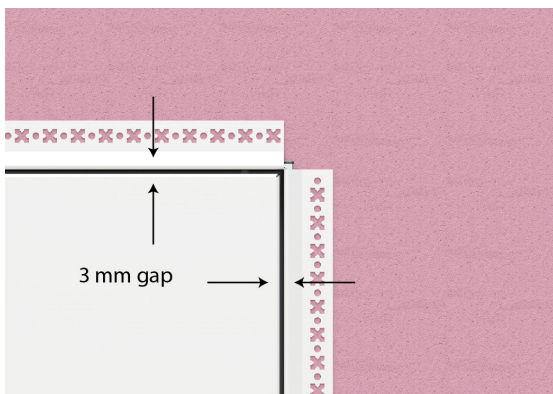


Walls:

The process is the same but the passive door is held shut by a budget lock.

9. ADJUST & SHIM

The top and bottom door/frame gaps should be the same as the hinge and centre gaps. Move the hinge edges vertically up or down to adjust the top and bottom gaps. Plastic caps installed into the bottom and head of the door will maintain a consistent gap after adjustment. If the gap at the hinge edge is tight specialist packers can be applied to open and equal the gaps.



9a. SHIM DETAIL & FIXING

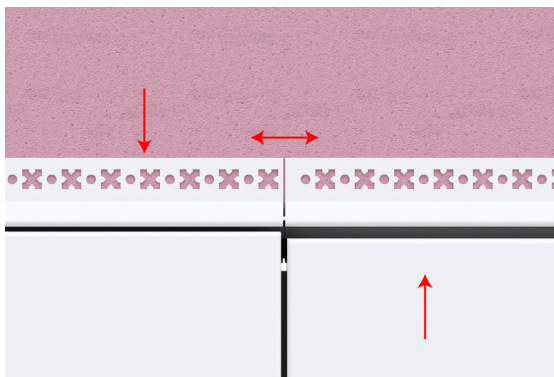
Fit the shims between the hinge and the door frame to increase the frame-to-door gap at the hinge edge and to close the gaps between the doors in the middle. Use the empty holes in the hinge to fix the frame into the aperture.



Shims available in 0.9, 1.2 and 1.5mm.

10. CHECK DOOR ALIGNMENT

Each door should be level with its pair. Joining plates can be slightly separated to open the gap between the doors. The picture shows the result of the frame fitted out of square. Correct the door by adjusting the frame position.



11. CHECK THE OPENING & CLOSING

The doors should now open and close without rubbing on the frame. Adjust where required.



12. COMPLETE THE FACE FIXINGS

Fix through the beaded flange at 200mm centres and double fix at each corner. Use 50mm x 5mm Drywall screws. Check the opening action.

Picture Frame

Skip this step for Picture Frame installation.



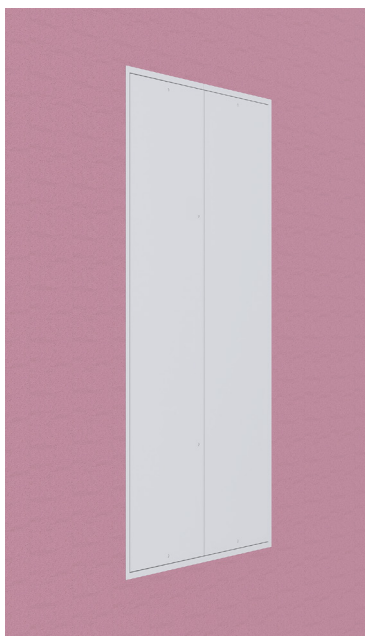
13. TAPE & JOINT/ PLASTER

Use scrim cloth self-adhesive tape. Plaster or tape and joint as required.

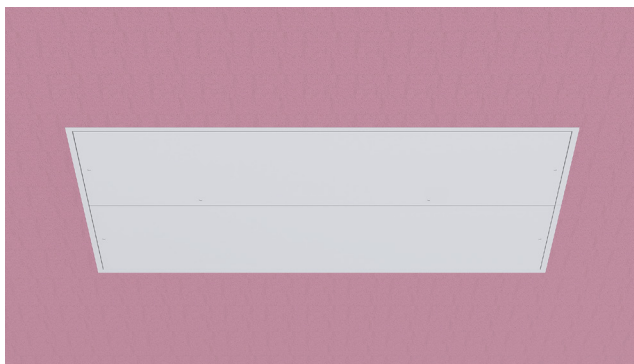


THE DOORSET IS NOW COMPLETE

WALL

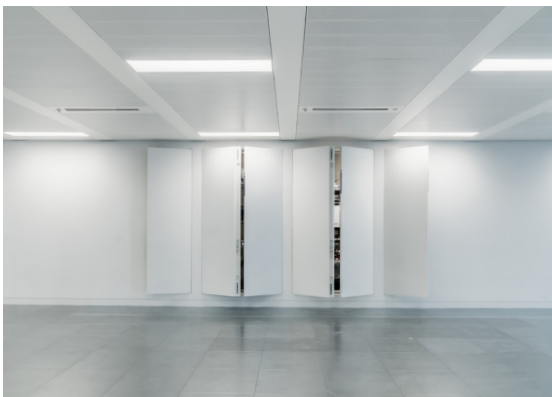


CEILING



MULTIPLE DOOR INSTALLATIONS

Multiple Doors arrive with each door wrapped with its frame parts and joining plates. Follow the instructions as the Double Door Installation. The Multiple Doors are more complex and more time should be allowed to achieve a good installation. For technical advice please call.



NEED ADVICE

If you require any assistance in specifying your Double Door or have any other queries, please contact our friendly technical sales team. If you require a product that you cannot find on our website, please call to see if we can help you with your project.

Tel: 01724 853 090

Email: sales@accesspanels.co.uk

If you would like to see more of our products visit our website at www.accesspanels.co.uk.





THE ACCESS PANEL
COMPANY LTD

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