

STRAIGHT WALL INSTALLATION INSTRUCTIONS 1

IMPORTANT PLEASE READ INSTRUCTIONS PRIOR TO COMMENCEMENT

Kit Contents:

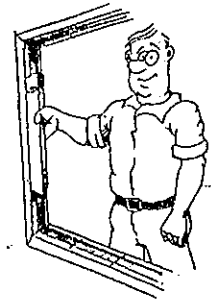
-mm high x mm wide frame size, colour.....
-prefabricated
-190x190x80mm glass blocks, design.....
-240x240x80mm glass blocks, design.....
-Horizontal Separation Strips.....mm wide
-Vertical A Strips to be used in first & Last row
-Vertical B Strips to be used in middle row
-Tubes of Silicone for construction
-Tubes of Glass Block Sealant for internal /external grouting
-Snap-in cover plate sizes.....
-Weatherstrip required
-Timber reveal required size.....

Installation of frame

Requirements:

- Electric Drill
- Screw Driver
- Anchors
- Silicone Gun
- Optional Pop Rivet Gun

1. Assemble perimeter frame using Aluminium angles and self tapping screws provided.
2. Locate the frame in the centre of opening, bridging the cavity (for cavity brick or brick veneer construction) and fasten frame into position by drilling a hole through the inside front face of the frame into the counter-sunk grooves. These are designed to accommodate either a 10 Gauge-50mm counter-sunk wood screw or an 8 x 50mm counter-sunk dynabolt /sleeve anchor.



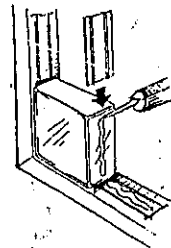
Option: Fit optional weatherstrip and fix a timber reveal.

3. The perimeter frame should be fastened at 400mm centres.
4. Ensure that timber packers are used to prevent the distortion of perimeter frame during fastening.
5. Ensure bottom and two sides of the frame are level.

Installation of Bricks

First Row

1. In a continuous line, squeeze Silicone from the centre of the first slot/mortise on the left hand side down the inside of the frame, along the bottom and up to the slot/mortise on the right hand side.
2. Firmly bed the glass block on the silicone, working from left to right. Then apply a line of silicone along the exposed side weld of the block.
3. Push the Vertical A Strip in the slot/mortise and up against the first siliconed block. The A Strip is longer than the B Strip so ensure you have used the correct one.



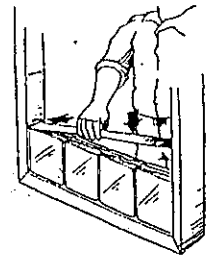
Today's Motto:- "If all else fails read the instructions"

STRAIGHT WALL INSTALLATION INSTRUCTIONS 2

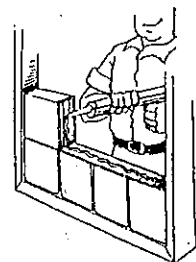
4. Now place a line silicone down the centre groove of the A Strip that you have just installed, and put the next block in place.
5. Repeat step 2,3 & 4 until you have installed the second last block in the row.
6. Slide your last block down between the previous block and the frame and check that the row is straight.
7. Place a continuous line of silicone along the top weld of each block.
8. Take a Horizontal Separation Strip and push one end into the slot/mortise in the side of the frame, then slide back evenly into the opposite slot/mortise. Press down firmly and ensure the blocks are level.

Middle Rows

9. Place a line of silicone from the top of the next slot/mortise down to and along the centre groove of the horizontal separation strip and up to the slot/mortise on the other side of the frame.
10. Firmly bed the glass block on the silicone. Once the block is bedded in place, apply a line of silicone to the weld of exposed side of the block.
11. Take a Vertical B Strip, and place it up against the block.
(This strip should be no higher than the glass block, if it is you have the wrong strip).



12. Now place a line of Silicone along the centre groove of the Vertical B/ Strip and install the next block.
13. Repeat steps 10,11 & 12 until you have installed second last block in the row.
14. Slide your last block down between the previous block and the frame and check that the row of blocks are level.
15. Repeat Step 7. and 8.
16. Repeat Step 9. to 15. until last row.



Last Row

Note: It is important that the last row of glass blocks are installed by bedding in the two corner blocks in FIRST and working towards the centre placing the centre block in position last.

17. Place a continuous line of silicone from the first slot/mortise in the top underside of the frame back toward the nearest corner, down the side of frame and along the centre of the horizontal separation strip (Only 1 brick wide as this prevents the spread of silicone).
18. Position glass block in the centre of opening, tap into position, then slide the block into the silicone.

STRAIGHT WALL INSTALLATION INSTRUCTIONS 3

19. Place a line of silicone along the exposed weld of the glass brick and insert the Vertical A Strip into slot/mortise and up against the brick.

20. Repeat Step 17, 18 & 19 for all other bricks in the row, working inwards towards the centre.

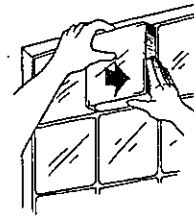
Note: The last glass block does not require a Vertical A Strip.

21. Apply sparingly minute amounts for silicone along centre groove of the last Vertical A Strip and Horizontal Separation Strip Only. (Do not apply silicone to the head of the frame or the exposed weld of the last installed glass block).

22. Firmly tap last glass block into position, using force if necessary.

23. Flatten nozzle of silicone tube and force into joint without Vertical A/ Strip and between last glass block and the head of the frame.

24. Remove all excess silicone.



Application of glass block sealant

Requirements:

- Silicone Gun
- Sponge
- Dry Cloth
- Disposable Paper/Plastic Plate or Cardboard
- Bucket/Container of cold water
- Glass Block Sealant

Please note this procedure should be done in the shade or the cool of the day and only attempt 1 square metre at a time. Ensure that there is no residue silicone on the glass blocks before you begin grouting with Sealant. Excess silicone can be removed by White Spirit available from your hardware store.

Internal Wall

1. Start at the top of your wall, sealing horizontal joints first.
2. Sparingly, apply your tube of Glass Block Sealant right across the first horizontal joint. Being careful not to spread it on the face of the glass blocks.
3. Carefully, run your index finger along the horizontal joint, removing excess sealant. Place excess on cardboard/paper plate. Do not re-use the excess sealant, dispose of when finished.
4. Using a damp sponge, clean glass blocks around the joint, occasionally washing the sponge.
5. Repeat this process until you have completed all horizontal joints, then repeat for your vertical joints.
6. Finally, wipe glass block wall over with damp sponge taking off all smears of excess Sealant.
7. Once dry, buff off residue sealant and polish glass blocks.

