

Installation guide and sitework details

For Maghatch, Combihatch, Tile-a-Door+ and Waldor 50

These details are intended as a general guide to correct installation - it is appreciated that site practice can vary depending on the type of materials used etc.

Further advice is always available from our technical department who can be contacted between the hours of 9 am and 5.30 pm on 01920 463230, or alternatively you can email them at info@howegreen.co.uk.

Maghatch

Place the face of the outer frame against the wall, and mark the hole position. Remove the outer frame and extend the marked lines to the corners to form a square or rectangular shape for the cut out.

Cut a hole in the wall board using a suitable saw.

Apply proprietary panel adhesive around opening then place outer frame into position.

The outer frame and cover can now be decorated separately and allowed to dry. Once dry the cover can be put into place to complete the installation.

Combihatch

The construction of the opening should be as follows, for non fire rated units the "cut out" in studwork should be fully trimmed. For fire rated units again the aperture should be fully trimmed, though for metal "C stud" the aperture surround should be boxed out using twin sections of "C stud". All box sections of 60 minute assemblies must be infilled with plasterboard to mitigate against an excessive distortion of the supporting construction.

Remove the doors from the outer frame by releasing the spring loaded hinge pins, for non fire rated assemblies the outer frame should be placed into position and secured using 8 X 38mm steel screws at 200mm centres using holes provided, taking care not to distort the frame. For fire rated assemblies the "cut out" aperture should be lined with 12.5mm plasterboard, then the outer frame should be positioned and then secured using 8 X 50mm steel screws at 200mm centres using holes provided, taking care not to distort the frame.

If the frame incorporates a plaster bead, the wall/ceiling should now be skimmed.

Once the frame installation is complete a 6mm drill should be run through the hinge pin holes in the frame to ensure that the hinge pins will enter by at least 6mm.

The door should now be re-fitted and closed and any final decoration should be completed.

Tile a Door+

If there is no pre-formed opening for the Tile a Door+, mark the area of wall where the opening is required by projecting the tile grid lines. Once marked, the hole should be cut allowing an extra 6mm clearance all round. If fitting to thin sheet or plasterboard, it is advisable to stiffen the cut edges with studwork.

Fit the frame into position using either a suitable adhesive or screws, ensuring that the magnets or lock are at the bottom of the panel.

Tile the panel and surrounding area as normal. Please note that if the opening in the wall was preformed then the tiling would have to be set out from the Tile a Door+. Once the adhesive has set the tiling should be grouted in as normal, leaving out the grout line around the door.

To open the door, release the lock if fitted, then push the top of the panel inwards. Once the base of the door can be gripped, slide the panel inwards and up to release it from the pivot points.

The door can now be lifted out and stored safely.

Waldor 50

If there is no pre-formed opening for the Waldor 50, mark the area of the wall where the opening is required by projecting the tile grid lines. Once marked the hole should be cut allowing an extra 5mm clearance all round. If fitting to thin sheet or plasterboard, the opening should be trimmed using suitable studwork.

Fasten the fixing brackets to the top and bottom of the access cover outer frame, using the screws provided. The access cover can now be fixed top and bottom to the wall or studwork through the previously attached brackets.

If edge trims or a security lock has been specified then the face of the door should be set back 12mm from the face of the surrounding tiling.

Once the frame has been secured and the hatch closed, proceed to tile over the door face and complete the surrounding wall finish. Take care to ensure that a 2mm joint between the door and the surrounding tiles is maintained.

Once the tiled finish has set, carefully open the door to ascertain whether any door adjustment is required to maintain a constant door surround gap. Should any adjustment be needed open the door fully, then release both of the securing screws holding the hinge block (5mm Allen key ; supplied) found on the inside rear edge of the frame. Carefully lift/move the door to the desired position, and then re-fasten the hinge block to the new position. Re-close the door and check the door gap, re-adjust as necessary.

Should any of the seals, bolts or other removable components be damaged or missing they are available for replacement.