

Installation

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The following paragraphs deal with the overall dimensions and clearances relating to the outer frame of the AP 400 Lift & Slide door system.

It is assumed that the installer has an adequate knowledge of building principles and that he can ensure that the frames are installed in accordance with good building practices, i.e., installed level, plumb, square and securely.

The same clearances Apply to both Mono Door and Double Door arrangements.

Installation preliminaries

Check that the masonry opening is square, and that there is a RC threshold fitted level, which is sufficient to carry the sill and the weight of the glazed door to enable it to slide back and fourth, and that the frame will fit within the opening.

Ensure as far as is practical that all metal is protected from possible mortar or plaster dropping and splashings, paying particular attention to the stainless steel track.

Installation into masonry

At survey or contract stage ensure that the position of fixings is not too close to the edge of the brickwork, etc or in the area of the DPC.

Allow a minimum of 6 mm clearance between masonry and aluminium at each jamb, head and cill, i.e.,

Work size = masonry opening - 12 mm

Consideration must be given to any special conditions, which will reduce the height of the work size.

Offer the frame into the opening, packing the frame at fixing points to ensure the frame is square in the opening. Fit polystyrene or equivalent 'mastic saver' backing rod material into 6mm gap between frame & structure around the perimeter of the door screen.

If using fixing lugs, which allow drilling through clearance holes, drill masonry and plug, fixing with pan head or round head screw fixings. Fixings to be suitable for location and spaced no more than 600mm centres. Care should be taken to ensure that the frame is not distorted or twisted when fixing.

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