

TECHNICAL DATA SHEET

SENTRY™ 200.80

The 200.80 is a outward opening pre-hung dual skin metal clad semi-solid core single door & jamb set.

The door leaf consists of a SL grade 35mm poly-styrene core, surrounded by an 46x35mm kiln-dried hoop pine internal sub-frame with 300x140 hardware fixing points (closer and lock blocks). This core is then fully enclosed (both faces & sides) using two 0.5mm Colorbond steel sheets and adhered together using a two-part polyurethane adhesive. The door jamb consists of a 1.5mm multi-folded, pressed & welded three sided steel profile, Zinccanale (raw) or powder coated to match the Colorbond steel sheet (or your colour of choice). The 80 jamb is fitted with three to four 100x75x2.5mm butt hinges which fasten the door and the jamb together using heavy duty metal screws.

Standard size: 820x2040, 920x2040, 1100x2040

Application: Steel, timber, pre-cast structures – Industrial and commercial buildings.

RECOMMENDED INSTALLATION

FAST FIX OPTION: Place frame into the opening with required gaps around the perimeter of the frame to allow for plaster or wall lining to slide behind. Once in place, screw from the inside of the stud frame into the Fast Fix bracket welded to the back of the door frame (see fig.).

STUD CLIP OPTION: Place frame into the opening, attach the stud clips to the door frame spacing 8 clips evenly down the stile of the door frame. Now screw through the stud clips into wall stud.

SCREW FIX OPTION: Place frame into the opening with required gaps around the perimeter of the frame to allow for plaster or wall lining to slide in behind. If frame throat is the same as the wall thickness, place to sit flush with both sides of the wall. Now screw through holes provided into wall stud.

Note: Do not over screw at fixing points as this will distort the frame profile.

TUBE FIX OPTION: Place frame into the opening with required gaps around the perimeter of the frame to allow for plaster or wall lining to slide behind. If frame throat is the same as the wall thickness, place to sit flush with both sides of the wall. Now screw through holes provided into brick work.

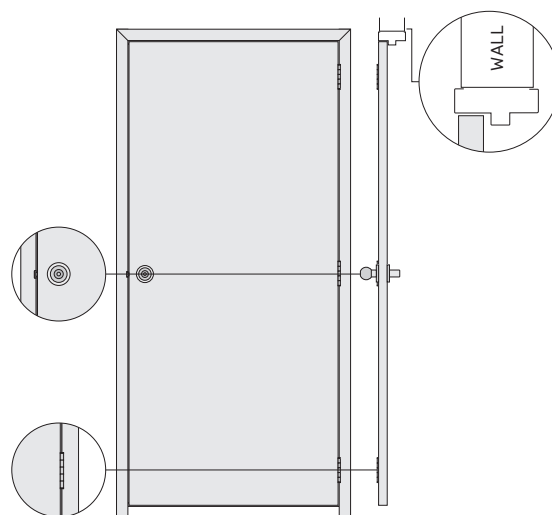
Note: Do not over screw at fixing points as this will distort the frame profile.

Front Door Profile

FIG. 1

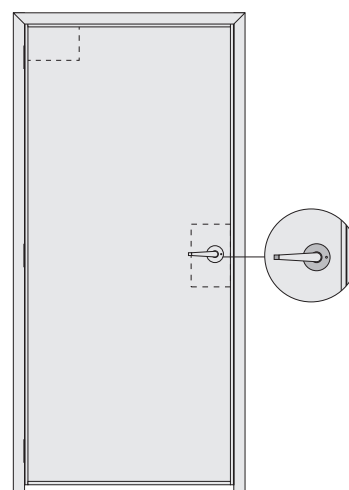
Side Door Profile

FIG. 2



Back Door Profile

FIG. 3



Note: Door packers must not be removed until door jamb is fully fastened off.

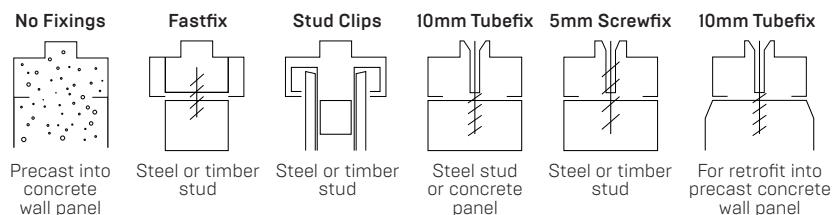
When screwing off the latch side of the door, again check to make sure the jamb is still square/plumb. The door can drop under its own weight at this point, so if it is not square/plumb it can result in the door not shutting properly and catching. Once this is finished, we recommend completing the fixing process on the other side.

Once the door is installed, remove packers, bottom spreader-bar and protective covering from the door, then fit the supplied lock set.

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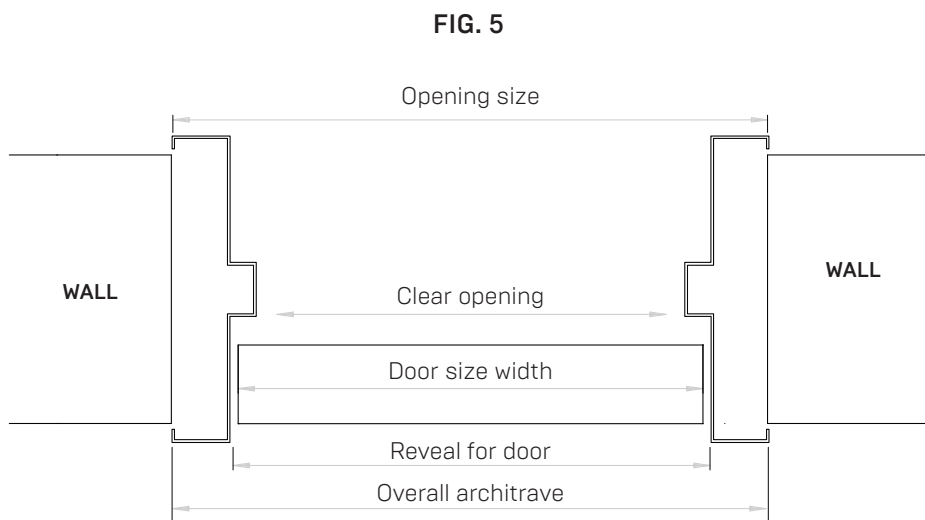
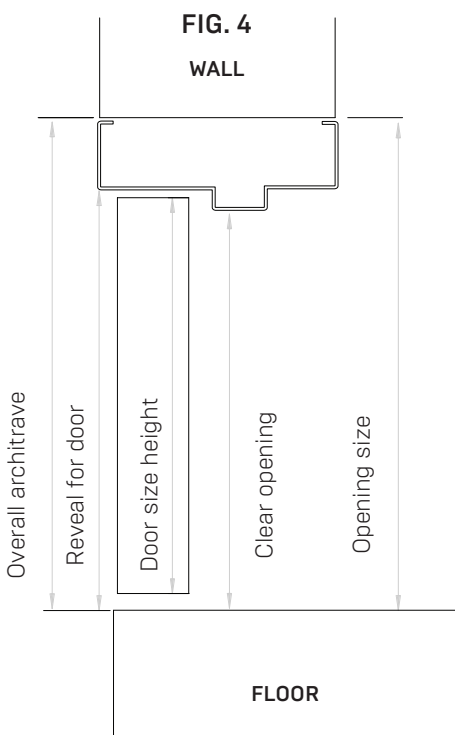
SIZING REFERENCE

FIXING OPTIONS



DOOR TYPE	DOOR SIZE	DOOR THICKNESS	DOOR REVEAL SIZE	OVERALL ARCHITRAVE	OPENING SIZE REQ	CLEAR OPENING
200.80.820	820x2040	37mm	828x2065	904x2103	908x2108	798x2050 (180°)
200.80.920	920x2040	37mm	928x2065	1004x2103	1008x2108	898x2050 (180°)
200.80.1100	1100x2040	37mm	1108x2065	1184x2103	1188x2108	1078x2050 (180°)

*Above sizes are for concrete wall application.



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DOOR HANDING

HOW TO DETERMINE IF DOOR IS RHH OR LHH

Standard Outswing

Determining the handing of the door is always done from the hinge side of the door (see Fig. 9 – 10).

When you are standing outside the room looking at the door, with the opening towards you, if the hinge is on the left it is "Left Hand Hinged." If the hinge is on the right, it is "Right Hand Hinged."

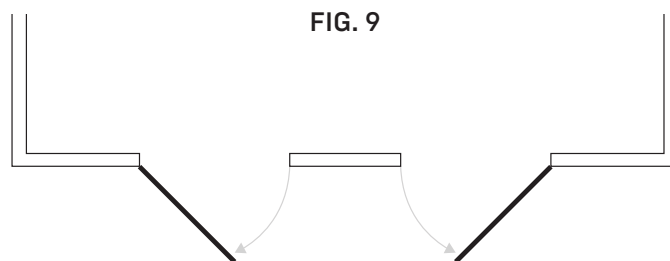
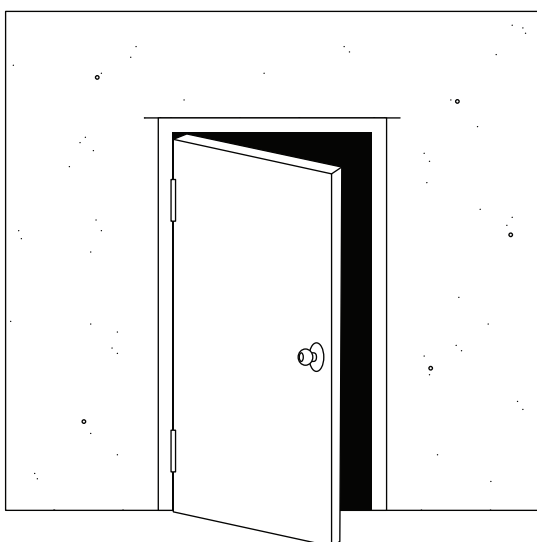
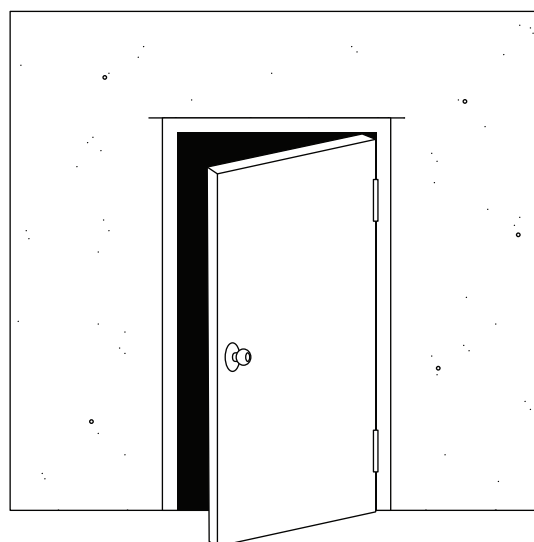


FIG. 10

OUTSIDE OF BUILDING



Left hand open out
(LHH)



Right hand open out
(RHH)

Larnec Doors provide a 12 month warranty on all products. The warranty does not cover the product if incorrectly installed, used or maintained, damage from environmental conditions, fair wear and tear, accidents or salt corrosion

