

## Australia's high-calibre tilt panel door of choice

This tilt panel door is a fit-for-purpose solution for all types of commercial and industrial buildings.

The 100.TP is pre-cast and metal clad. It incorporates a 4-sided external door jamb plus a 3-sided internal trim, finished with full metal wrapping then sealed for a finish that is strong and resilient.

Our commercial doors come ready for locking function through dual quad fastening system. For existing buildings, our 100.TP is easily retrofitted. There is zero need for precasting jambs, internal finishing, or external fixings.

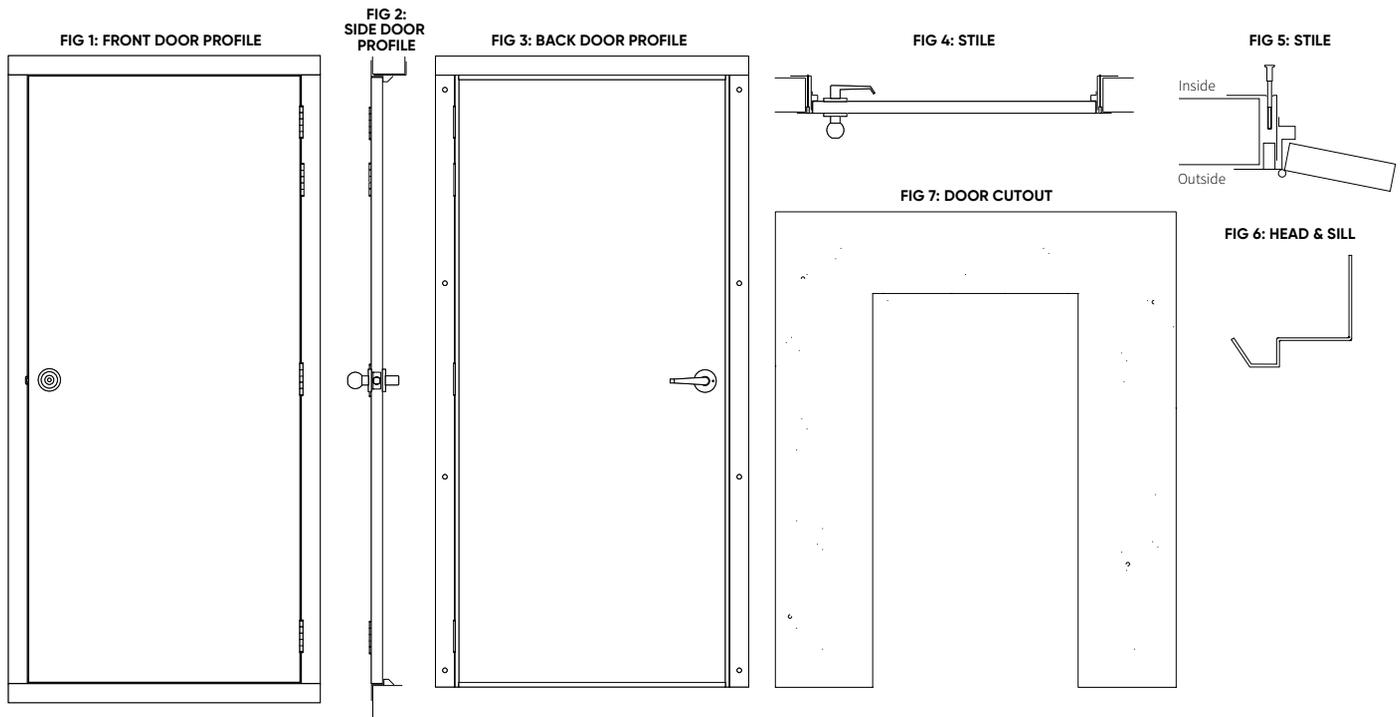


- 3 & 4-sided external door jamb
- Dual quad fastening system
- No internal finishing required
- Retro fit door solution
- Pre-hung
- Quick and easy to install
- 4-sided external door jamb
- 3-sided internal frame
- Pre prepped for hardware
- Quality Carbine knob/lever lockset
- Solid timber core
- Suits 150mm tilt panel as standard with a +/-11mm tolerance
- Reversible handing
- No internal finishing required
- No need to pre-cast jamb
- No external fixings
- Customisable options available
- 180° opening
- Escape function compliant
- Made in Australia
- 2-year warranty

## Applications

- Tilt up panel and pre-cast concrete structures
- Commercial warehouses
- Factories
- Shopping centres





The Sentry® 100.TP is an outward opening, pre hung door and jamb set.

The door leaf consists of a one piece 33mm insert. The metal-clad door leaf is dual skin, fully enclosed on faces and sides with two 0.55mm Colorbond steel sheets, fixed with a two-part polyurethane adhesive.

The TP gets its name from the tilt panel jamb system that makes the range so versatile. Like the tilt panels themselves, the jamb components lift into place and align perfectly. Threaded nuts are pre-welded to the jamb, ready for the 8mm gauge countersunk Phillips head bolts that will fix the components together. The jamb's multi-folded, pressed and welded 1.5mm steel can have a Zincanneal (raw) finish, or be powder-coated to match the Colorbond of the door leaf, or to another colour of your choice.

The door and jamb are fastened together with heavy-duty metal screws into 4 (four) 100x75x2.5mm butt hinges, strategically spaced to optimise support for the door leaf.

The door is supplied with standard lock preparation of 54mm and 70mm back set.

#### AVAILABLE SIZES

- 2040mm (h) x 820mm (w)
- 2040mm (h) x 920mm (w)
- 2040mm (h) x 1100mm (w)
- 2320mm (h) x 820mm (w)
- 2320mm (h) x 920mm (w)
- 2320mm (h) x 1100mm (w)

#### APPLICATIONS

Tilt panel structures.

#### AVAILABLE COLOURS

Available in the complete classic & contemporary ranges of COLORBOND® steel colours.

#### ADDITIONAL FINISHES

- Colorbond® Matt
- Colorbond® Ultra
- Galvanised Steel
- Zincanneal® Steel
- Metaprep Primer for corrosive environments

#### SUPPLIED IN SET

- Pre-hung door and jamb set, with a single door leaf and a two-piece jamb
- 8mm gauge countersunk Phillips head bolts (x8)
- Lockset
- Cardboard packers between door and jamb

**A. PRODUCT CHECK AND SITE**

**Required:** Cutting tool and framing materials for structure cladding.

**Note:** Keep the door packers in place until the door and jamb set is fully fitted.

- Check your door and jamb set for quality and craftsmanship.
  - If there is damage or fault, contact your supplier immediately.
  - Note:** If you proceed to install a door, the opportunity to claim a replacement on the basis of damage or fault will be limited.
- Decide where your door goes.
  - The required size depends on the size of the door to be installed.

	<b>100.TP.820</b>
<b>DOOR SIZE</b>	2040mm (h) x 820mm (w)
<b>REQ. OPENING</b>	2065mm (h) x 900mm (w)
	<b>100.TP.920</b>
<b>DOOR SIZE</b>	2040mm (h) x 920mm (w)
<b>REQ. OPENING</b>	2065mm (h) x 1000mm (w)
	<b>100.TP.1100</b>
<b>DOOR SIZE</b>	2040mm (h) x 1100mm (w)
<b>REQ. OPENING</b>	2065mm (h) x 1180mm (w)
	<b>100.TP.820H</b>
<b>DOOR SIZE</b>	2320mm (h) x 820mm (w)
<b>REQ. OPENING</b>	2345mm (h) x 900mm (w)
	<b>100.TP.920H</b>
<b>DOOR SIZE</b>	2320mm (h) x 920mm (w)
<b>REQ. OPENING</b>	2345mm (h) x 1000mm (w)
	<b>100.TP.1100H</b>
<b>DOOR SIZE</b>	2320mm (h) x 1100mm (w)
<b>REQ. OPENING</b>	2345mm (h) x 1180mm (w)

**B. DOOR SET INSTALLATION**

**Note:** Keep the door packers in place until the door is fully fitted.

**Required:** Spirit level, #3 Phillips head screwdriver.

- Separate the two jamb components, lay both on the ground, on their correct side of the opening:
  - Lay the four-sided jamb component (including the door) on the side you want the door to open towards.
  - Lay the three-sided component on the opposite side of the aperture.
- Run a generous line of an elastic joint sealant—for example Sikaflex Pro—around the inner edge of the required opening. (This preps the tilt panel to create a strong bond to the jamb.)
- Lift the four-sided jamb component (including the door and a four-sided profile) into place:
  - Start from the side the door should open towards.
  - Check that hinges are set to swing towards you.
  - Use two (2) people to lift it upright.
  - Guide it into the aperture.
  - Once upright and in place, it will stand on its own.
- Lift the three-sided jamb component into place:
  - Use two (2) people to lift it upright.
  - Line it up with top and sides of the four sided jamb component.
  - Slide the three-sided jamb component inside the four-sided component so that the architraves sandwich the wall.
  - Avoid pushing the four-sided component back out of the aperture.

- Bolt the jamb components to each other:

- Align the centre of the threaded nuts welded to one component with the fixing holes on other.
- Insert 8mm gauge countersunk bolts (provided) into the fixing holes and tighten them through the welded nuts.

**C. AFTER DOOR INSTALLATION**

After the door is installed:

- Remove packers.
- Peel back protective covering surrounding lock prep.
- Fit the supplied lockset.
- Remove the protective covering from surfaces. (The longer it remains on, the harder it may be to remove cleanly.)

**D. AFTER CARE**

To get the most out of your investment, cleaning should occur:

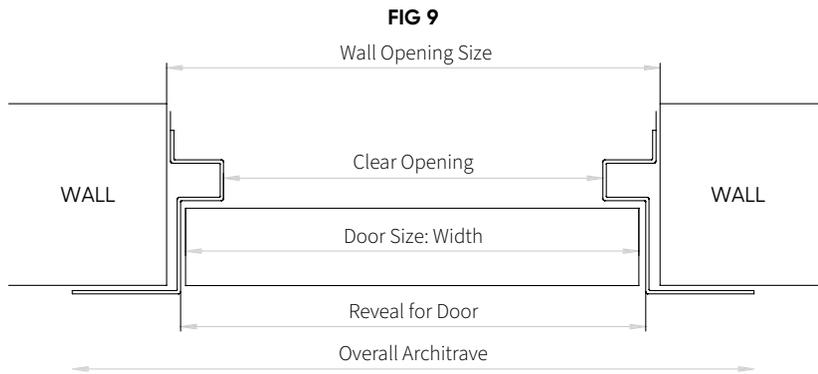
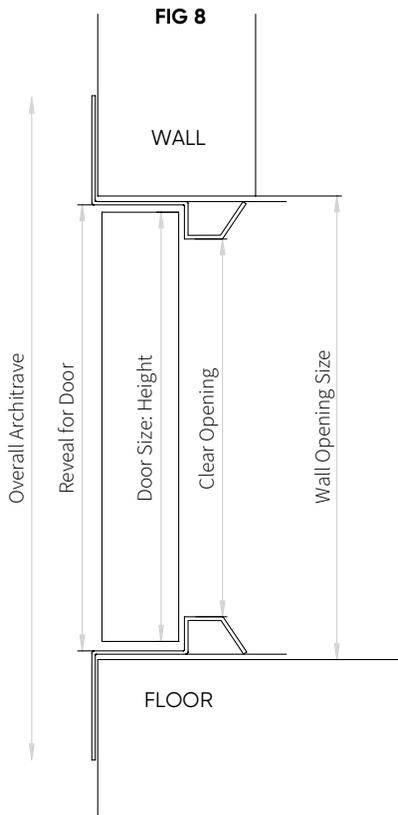
- In rural or normal urban environments, every six (6) months.
- In areas of high pollution, such as industrial areas or coastal environments, every three (3) months.
- In particularly hazardous or corrosive environments such as beachfronts, severe marine environments, areas of high industrial pollution, monthly.

Hinges, Locks, and furniture should also be regularly inspected and cleaned in accordance with the above schedule.

**DO NOT** use harsh solvents, abrasive cleaners (turps, petrol, kerosene, paint thinners) or scourers on any products. Carry out cleaning in shade and during cooler temperatures using a soft cloth and gentle wiping only.

We recommend that your locks only be serviced by a qualified locksmith.

PRODUCT FILE CODE	DOOR SIZE HxW	DOOR THICKNESS (MM)	OVERALL PRODUCT INSERT HxW	OVERALL EXT. ARCHITRAVE HxW	OVERALL INT. ARCHITRAVE HxW	REVEAL FOR DOOR HxW	CLEAR OPENING REQUIRED HxW	WALL OPENING SIZE HxW	DOOR OPENING ANGLE
100.TP.820	2040 x 820	37	2057 x 882	2194 x 972	2127 x 985	2050 x 828	2018 x 798	2065 x 900	180°
100.TP.920	2040 x 920	37	2057 x 982	2194 x 1072	2127 x 1085	2050 x 928	2018 x 898	2065 x 1000	180°
100.TP.1100	2040 x 1100	37	2057 x 1162	2194 x 1252	2127 x 1265	2050 x 1108	2018 x 1078	2065 x 1180	180°
100.TP.820H	2320 x 820	37	2337 x 882	2474 x 972	2407 x 985	2330 x 828	2298 x 798	2345 x 900	180°
100.TP.920H	2320 x 920	37	2337 x 982	2474 x 1072	2407 x 1085	2330 x 928	2298 x 898	2345 x 1000	180°
100.TP.1100H	2320 x 1100	37	2337 x 1162	2474 x 1252	2407 x 1265	2330 x 1108	2298 x 1078	2345 x 1180	180°



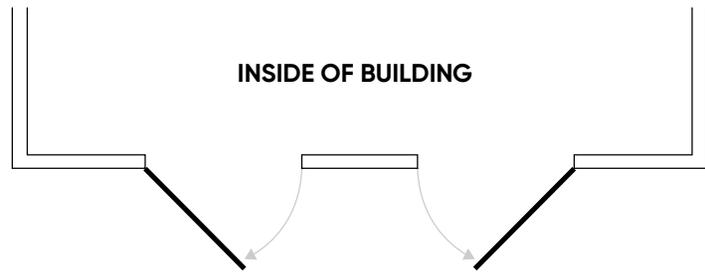
**KNOW YOUR HANDING**

'Handing' describes where the hinges are on a door that is opening towards you. When you order a new door, it is important to know its handing so that it suits your installation.

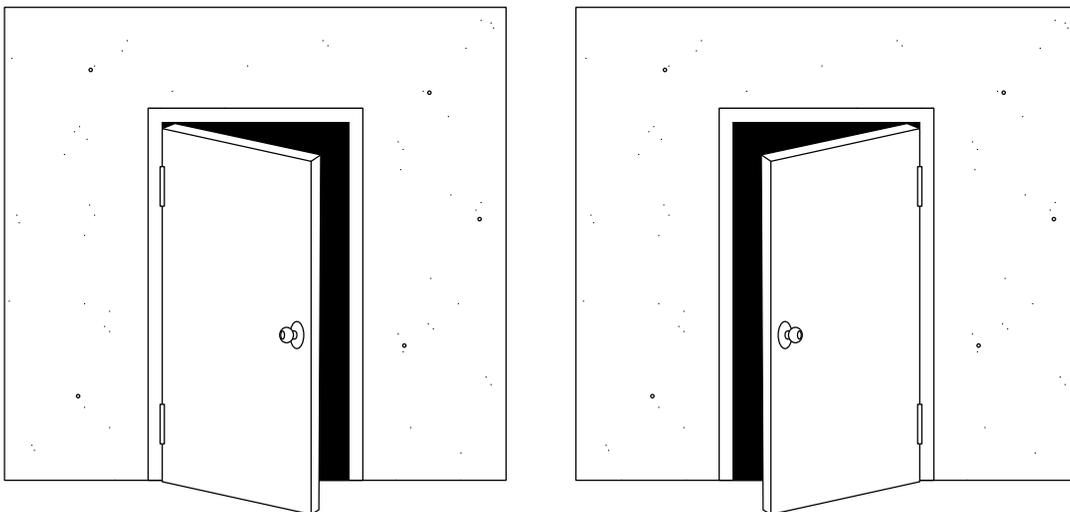
**HOW DO YOU TELL?**

If you open a door towards you and the hinges are on your left, the door is **left-hand hinged**.

If you open a door towards you and the hinges are on your right, the door is **right-hand hinged**.



**OUTSIDE OF BUILDING**



Larnec Doors provide a 24 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.