

## Australia's leading yclone-rated industrial door

When it comes to the Sentry™ 200.47, you'll be hard pressed to find a competing product that matches the specification and quality of this high-security PA door. Our fully metal clad personal access door can be used for sheds and garages that need a durable, reliable PA door for increased security.

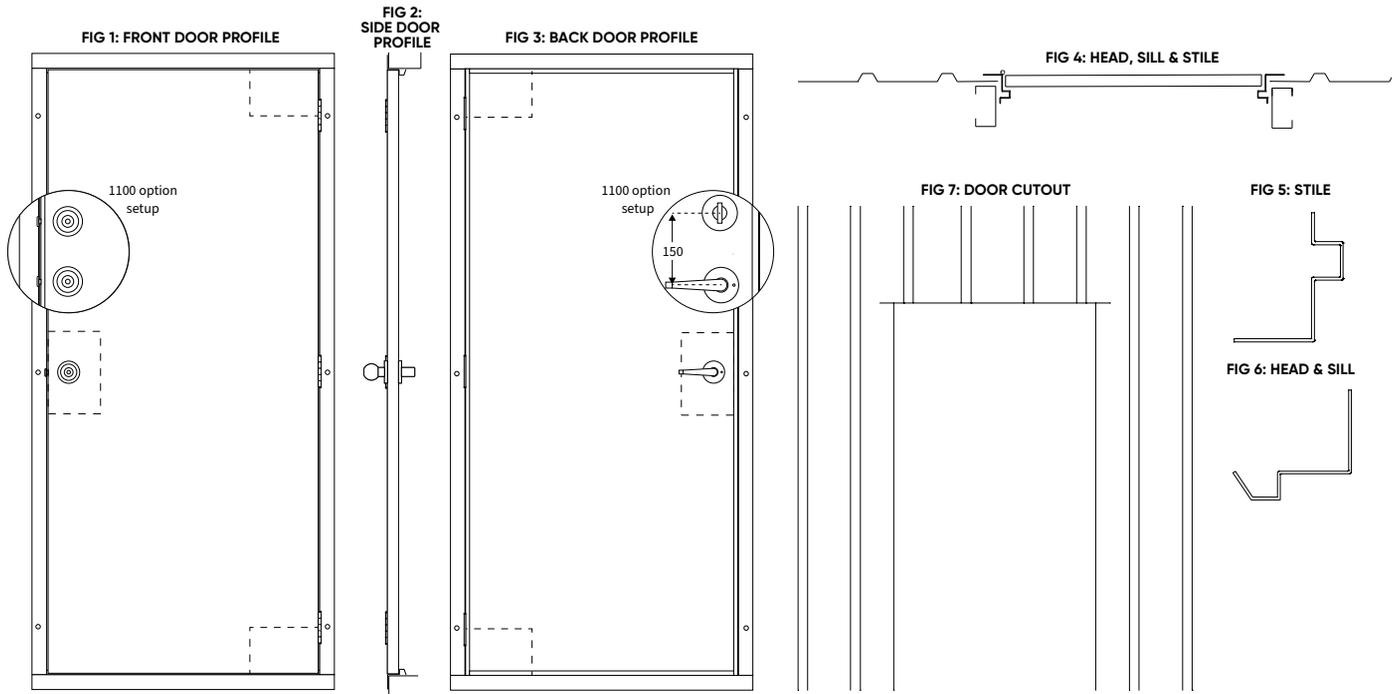
Available in the complete Classic & Contemporary ranges of COLORBOND steel colours, with a standard door size of 2040mm x 820mm, with 920mm and 1100mm available. We can also manufacture inwards opening doors when external clearance is tight and your structure need another solution.

- Dual skin
- Certified wind rated
- AS/NZS 1170.2.2011 and AS 4055-2012 compliant
- Pre-hung
- Quick and easy to install
- 4-sided door jamb
- Quality Carbine knob/lever lockset
- Medium density polystyrene core
- Pre prepped for lockset & door closers
- Customisable options available
- Escape function compliant
- 180° opening
- Zinc plated powder coated hinges
- Reversible handing
- Made in Australia
- 2-year warranty

## Applications

- Industrial warehouses
- Factories
- Industrial Sheds
- Garages
- Storage facilities
- Domestic sheds
- Farm sheds





The Sentry™ 200.47 is an outward opening, pre-hung door and jamb set.

The single door leaf has an SL grade 35mm polystyrene core surrounded by an internal sub-frame made of kiln-dried hoop pine (42x35mm). It includes hardware fixing points (300x140mm) for the closer and lock blocks, and is fully enclosed on faces and sides with two 0.5mm Colorbond steel sheets, fixed with a two-part polyurethane adhesive.

The door jamb has a four-sided profile made of multi-folded, pressed and welded 1.5mm steel, 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 at three butt hinges (100x75x2.5mm). The taller (2320mm) Sentry™ 200.47 doors have four hinges.

#### SUPPLIED IN SET

- Pre-Hung Door and Jamb
- Lockset
- Cardboard packers between door and jamb

#### 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

Steel structures, industrial and commercial buildings, industrial sheds, pump sheds and shipping containers. A Trimdek or Monoclad profile is ideal.

#### AVAILABLE COLOURS

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

#### ADDITIONAL FINISHES

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

#### WIND RATING

**63.06**  
M/S (227.016 KM/H)



TESTED IN ACCORDANCE WITH AS/NZS 1170.2:2011

Standard height (2040mm) Sentry™ 200.47 doors are tested and approved for use in all of regions A, B and C, as per the Australian Standard. That means they are certified to withstand cyclonic winds.

**51.87**  
M/S (186.732 KM/H)



TESTED IN ACCORDANCE WITH AS/NZS 1170.2:2011

The widest doors in the Sentry™ 200.47 range (1100mm) are cyclone rated for Regions A and B, and can be upgraded to meet the more stringent Region C certification by installing an additional deadbolt (see insets on Figs 1 and 2).

Taller (2320mm) Sentry™ 200.47 doors are not rated for wind load.

**A. PRODUCT CHECK AND SITE**

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

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

1. 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.
2. Decide where your door goes.
  - ▶ A Trimdek or Monoclad profile is ideal.
  - ▶ All corners of the cut must be safely in the valley of the cladding profile.
  - ▶ Ensure there is no structural steel behind the planned cut area.
3. Cut the required opening out of the cladding.
  - ▶ The required size depends on the size of the door to be installed.

	<b>200.47.820</b>
<b>DOOR SIZE</b>	2040mm (h) x 820mm (w)
<b>REQ. OPENING</b>	2055mm (h) x 840mm (w)
	<b>200.47.920</b>
<b>DOOR SIZE</b>	2040mm (h) x 920mm (w)
<b>REQ. OPENING</b>	2055mm (h) x 940mm (w)
	<b>200.47.1100</b>
<b>DOOR SIZE</b>	2040mm (h) x 1100mm (w)
<b>REQ. OPENING</b>	2055mm (h) x 1120mm (w)
	<b>200.47.820H</b>
<b>DOOR SIZE</b>	2320mm (h) x 820mm (w)
<b>REQ. OPENING</b>	2335mm (h) x 840mm (w)
	<b>200.47.920H</b>
<b>DOOR SIZE</b>	2320mm (h) x 920mm (w)
<b>REQ. OPENING</b>	2335mm (h) x 940mm (w)
	<b>200.47.1100H</b>
<b>DOOR SIZE</b>	2320mm (h) x 1100m (w)
<b>REQ. OPENING</b>	2335mm (h) x 1120mm (w)

4. Extend the horizontal cut across the top about 50mm beyond the intersection with each vertical cut (see Fig. 7).

▶ This extended cut allows the top architrave (and optional J-mould weather strip) to slide behind the shed cladding.

5. Install door jamb mullions to frame out the openings. These may be supplied and installed by the shed erector or builder.

**B. DOOR SET INSTALLATION**

**Required:** Spirit level, impact driver, at least six (6) screws of 10 gauge or larger.

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

1. Lift the door into place.
  - ▶ Start from outside of the structure.
  - ▶ Use two (2) people to lift.
2. Insert the top of the jamb (the architrave) into the cladding.
  - ▶ Align the top of the jamb with the extended horizontal cut in the cladding.
  - ▶ Slide the top of the jamb through the extended cut, fitting the architrave between the structure cladding and the mullions.
3. (Optional) Cut the j-mould weather strip (sold separately) to the desired length and slide in between the jamb architrave and the structure cladding. The recommended minimum length for the j-mould weather strip should be the width of the jamb from outside to outside.

**Note:** J-moulds are more effective when slightly lower at one side.

4. Screw hinge side of door (see Fig. 1).
  - ▶ Work on the outside of the structure.
  - ▶ Position screws no more than 40mm from the hinge knuckle.
  - ▶ Ensure screws will go through door jamb and mullions.
    - ▶ **First screw:** by the top hinge.
    - ▶ **Second screw:** by the bottom hinge.
    - ▶ **Third screw:** by the middle hinge.

▶ Hold the door steady with one hand.

▶ Insert and tighten each screw with an impact driver.

▶ Take care that the door does not move while screwing.

▶ After each screw, check the stile is square and plumb. Adjust as needed before proceeding. (see Fig. 4).

5. Screw off the right-hand side of the door in the same way, at equal heights.

▶ Top screw, bottom screw, middle screw, in that order.

▶ Check that the jamb remains square/plumb.

▶ If the door set drops under its own weight before fully screwed, carefully correct it before screwing off.

6. Screw off across the top of the door.

▶ Check that the jamb remains square/plumb.

▶ Centre screw, left screw, right screw.

7. (Optional) If screwing has caused any distortion of the frame, additional screws may be put through the internal return fold to affix it into good shape.

### C. AFTER DOOR INSTALLATION

After the door is installed:

1. Remove packers from the door.
2. Fit the supplied lockset.
3. 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:

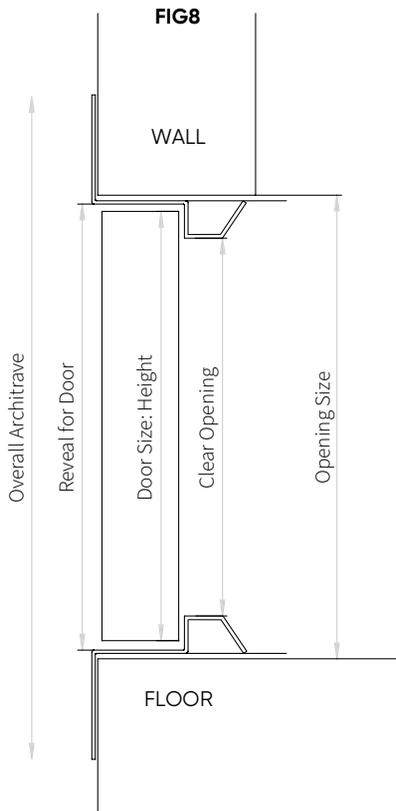
- ▶ In rural or normal urban environments, every six (6) months.
- ▶ In areas of high pollution, such as industrial areas or coastal environments, every three (3) months.
- ▶ In particularly hazardous or corrosive environments such as beachfronts, severe marine environments, areas of high industrial 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	WIND RATED TO REGION
200.47.820	2040 x 820	37	2052 x 837	2136 x 924	-	2050 x 828	2018 x 798	2055 x 840	180°	C
200.47.920	2040 x 920	37	2052 x 937	2136 x 1024	-	2050 x 928	2018 x 898	2055 x 940	180°	C
200.47.1100	2040 x 1100	37	2052 x 1117	2136 x 1204	-	2050 x 1108	2018 x 1078	2055 x 1120	180°	B
200.47.1100 DBT	2040 x 1100	37	2052 x 1117	2136 x 1204	-	2050 x 828	2018 x 1078	2055 x 1120	180°	C
200.47.820H	2320 x 820	37	2332 x 837	2416 x 924	-	2050 x 928	2298 x 798	2335 x 840	180°	-
200.47.920H	2320 x 920	37	2332 x 937	2416 x 1024	-	2330 x 928	2298 x 898	2335 x 940	180°	-
200.47.1100H	2320 x 1100	37	2332 x 1117	2416 x 1204	-	2330 x 1108	2298 x 1078	2335 x 1120	180°	-



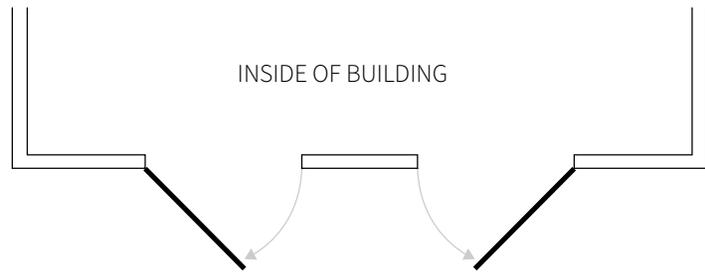
**KNOW YOUR HANDING**

'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.

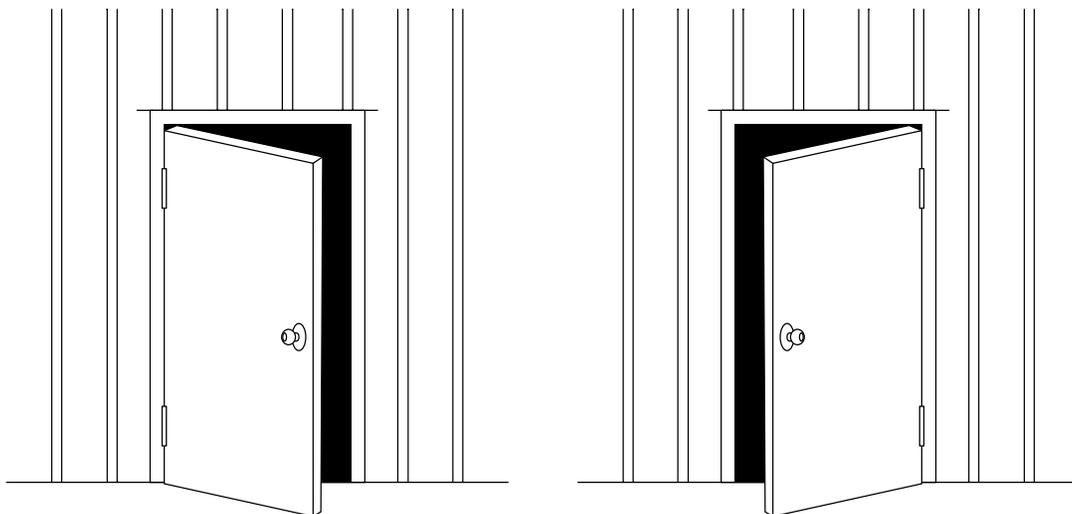
**HOW DO YOU TELL?**

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.