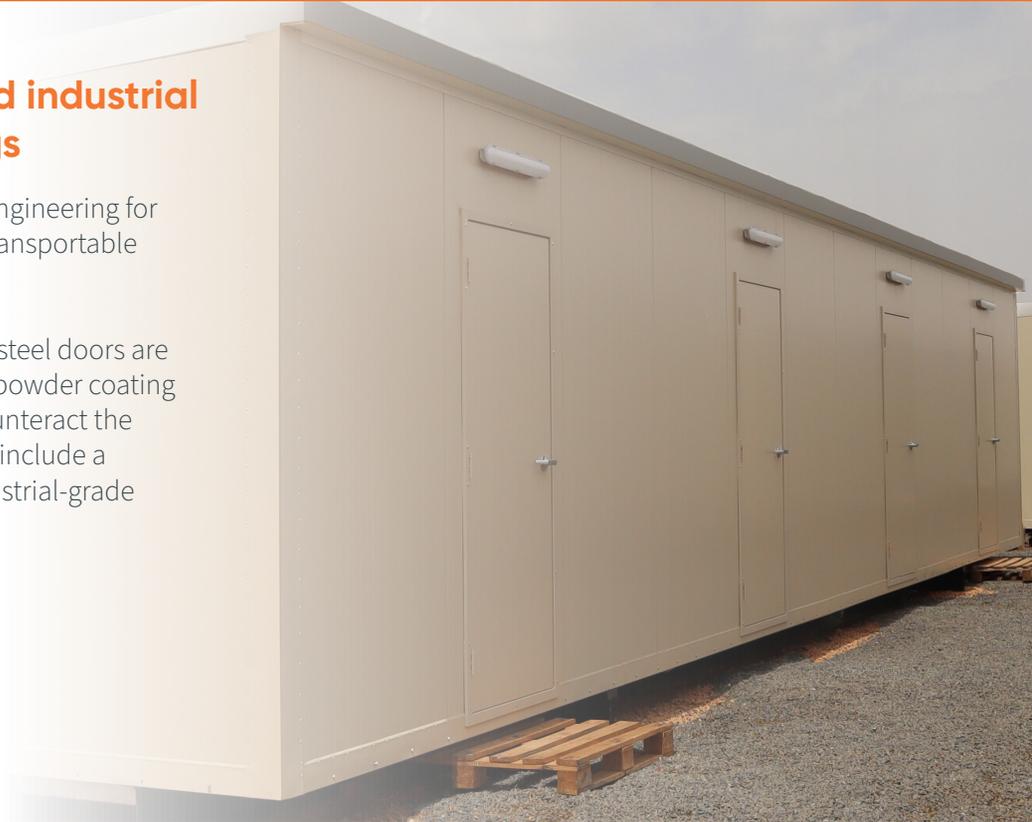


A superior fully metal-clad industrial door for portable buildings

These doors are the product of special engineering for the exacting demands of modular and transportable buildings.

Semi-solid and fully clad in metal, these steel doors are pre-hung for 4 door frame options, with powder coating to suit. Featuring a doorframe seal to counteract the most arduous weather, these doors also include a high-calibre knob/lever exit set plus industrial-grade hinges.

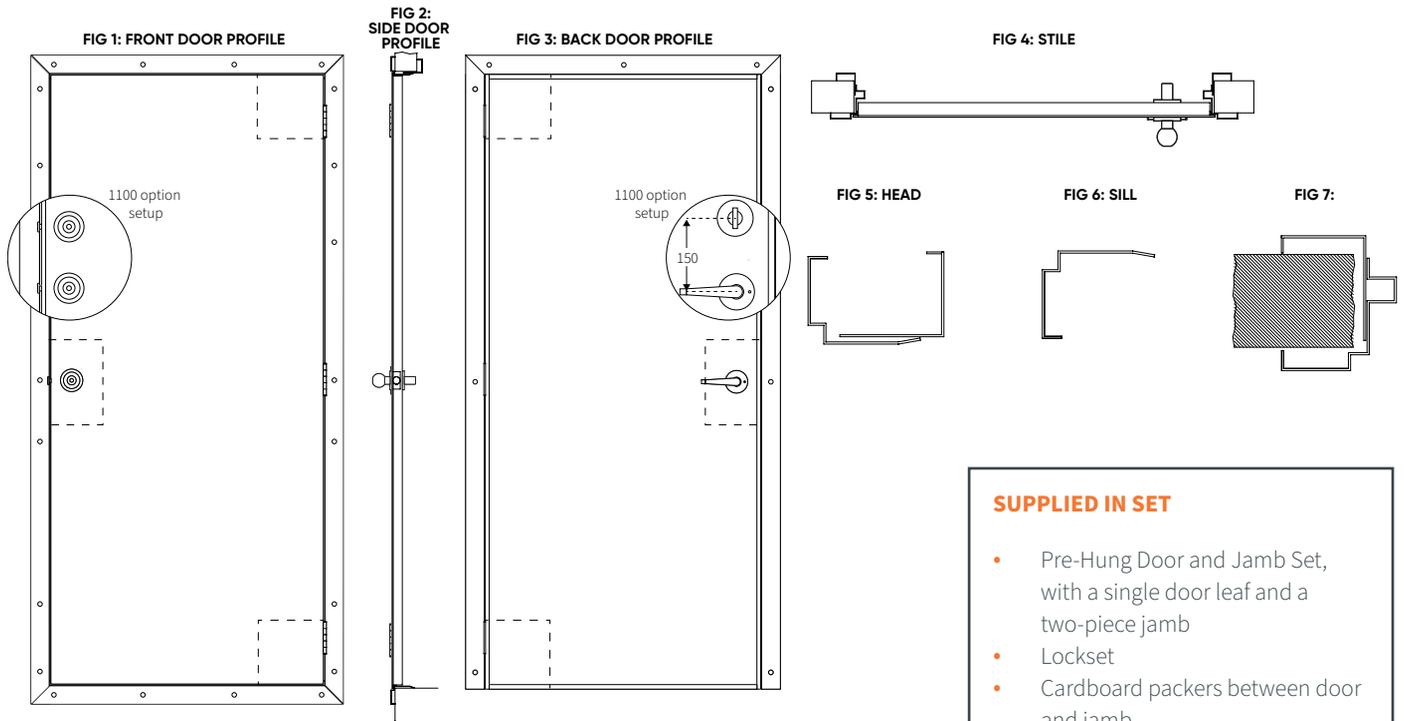


- Two-piece frame
- Region C wind rated
- Quick and easy install
- Pre-hung
- AS/NZS 1170.2:2011 and AS 4055-2012 compliant
- Batwing seal for weather and acoustic insulation
- 4-sided door jamb
- Quality Carbine knob/lever lockset
- Pre prepped for lockset & door closers
- Customisable options available
- Reversible handing
- Escape function compliant
- 180° opening
- Made in Australia
- 2-year warranty
- Expanded polystyrene core (EPS) is our standard core option used across the 200 Series range, offering reliable thermal insulation and everyday performance.
- Polyisocyanurite core (PIR) is an upgraded core option delivering superior thermal insulation and increased rigidity for more demanding applications.

Applications

- Transportable buildings
- Modular buildings





SUPPLIED IN SET

- Pre-Hung Door and Jamb Set, with a single door leaf and a two-piece jamb
- Lockset
- Cardboard packers between door and jamb

The Sentry® 200.PBRJ is an outward opening, pre-hung door and jamb set.

The door leaf is dual-layer steel skin over a core of SL grade 35mm polystyrene. The subframe of kiln-dried hoop pine rails and stiles (42x35mm) has hardware fixing points (300x140mm) for the closer and lock blocks. The core and frame are fully enclosed on faces and sides with two 0.5mm Colorbond sheets, fixed with a two-part polyurethane adhesive.

The rebated edges of the door leaf are designed to overlap the door jamb edge for secure interlocking closure. A PVC batwing seal is fitted for weather and acoustic insulation.

The door leaf is pre-hung into a portable external jamb with a matching internal trim, both made of multi-folded, pressed, welded and powder-coated 1.5mm steel. The hinges are affixed to the jamb with three butt hinges (100x75x2.5mm). The taller (2200mm) Sentry® 200.PBRJ doors have four hinges.

AVAILABLE SIZES

- 2040mm (h) x 820mm (w)
- 2040mm (h) x 920mm (w)
- 2040mm (h) x 1070mm (w)
- 2200mm (h) x 820mm (w)
- 2200mm (h) x 920mm (w)
- 2200mm (h) x 1070mm (w)

APPLICATIONS

Transportable buildings.

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

WIND RATING

63.06
M/S (227.016 KM/H)

TESTED IN ACCORDANCE WITH AS/NZS 1170.2:2011

Standard height (2040mm) Sentry™ 250.PBRJ 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™ 250.PBRJ 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™ 250.PBRJ doors are not rated for wind load.

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 flat cladding of portable buildings is ideal.
 - May also be installed onto Trimdek or Monoclad profiles.
 - Ensure there is no structural steel behind the planned cut area.
- Cut the required opening out of the cladding.
 - The required size depends on the size of the door to be installed.

	250.PBRJ.820
DOOR SIZE	2040mm (h) x 820mm (w)
REQ. OPENING	2066mm (h) x 847mm (w)
	250.PBRJ.920
DOOR SIZE	2040mm (h) x 920mm (w)
REQ. OPENING	2066mm (h) x 947mm (w)
	250.PBRJ.1100
DOOR SIZE	2040mm (h) x 1070mm (w)
REQ. OPENING	2066mm (h) x 1097mm (w)
	250.PBRJ.820H
DOOR SIZE	2200mm (h) x 820mm (w)
REQ. OPENING	2226mm (h) x 847mm (w)
	250.PBRJ.920H
DOOR SIZE	2200mm (h) x 920mm (w)
REQ. OPENING	2226mm (h) x 947mm (w)
	250.PBRJ.1100H
DOOR SIZE	2200mm (h) x 1070mm (w)
REQ. OPENING	2226mm (h) x 1097mm (w)

B. DOOR SET INSTALLATION

Required: Spirit level, impact driver, thirty-one (31) screws of 10 gauge or larger.

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

- Separate the external jamb and internal trim.
 - Lay both on the ground, on their correct side of the cut opening.
- Lift the internal trim (without the door) into place:
 - Start from inside the structure.
 - Centre the trim in the aperture.
 - Rest the trim in place.
- Affix the trim to the wall, through the provided screw holes.
 - Working on the inside of the structure.
 - Ensure screws will go through the mullions.
 - First screw:** in the top screw hole.
 - Second screw:** in the bottom screw hole.
 - Third screw:** in the middle.
 - Insert and tighten each screw.
 - In between screws, check the stile is square and plumb. Make corrections as needed.
 - Screw off one side completely, then do the other side.
 - Screw the top of the trim to the wall: one screw through the centre hole, then one on each side.
- Lift the external jamb (including the door) into place:
 - Start from outside of the structure.
 - Check that hinges are set to swing outwards.
 - Use two (2) people to lift.
 - Align the jamb to the centred trim and guide it into the opening.
- Screw off the right-hand side of the door in the same way, at equal heights.
 - Working on the outside of the structure
 - Ensure screws will go through door jamb and mullions.
 - First screw:** through the screw hole by the top hinge.
 - Second screw:** through the screw hole by the bottom hinge.
 - Third screw:** through the screw hole by the middle hinge.
 - Hold door steady with one hand.
 - Insert and tighten each screw.
 - Take care that door does not move while screwing.
 - In between screws, check the stile is square and plumb. Make corrections as needed.
- Put three (3) screws through the latch-side of the jamb in the same way, at equal heights.
 - Check that the jamb remains square/plumb before each screw.
 - Insert and tighten screws level with the top, bottom and middle hinges, in that order.
 - If door set drops under its own weight before fully screwed, carefully correct it before screwing off.
- Screw off the jamb, including through the four screw holes at top and bottom and the four that remain on either side.

C. AFTER DOOR INSTALLATION

After the door is installed:

1. Remove packers.
2. Peel back protective covering surrounding the lock prep
3. Fit the supplied lockset.
4. 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:

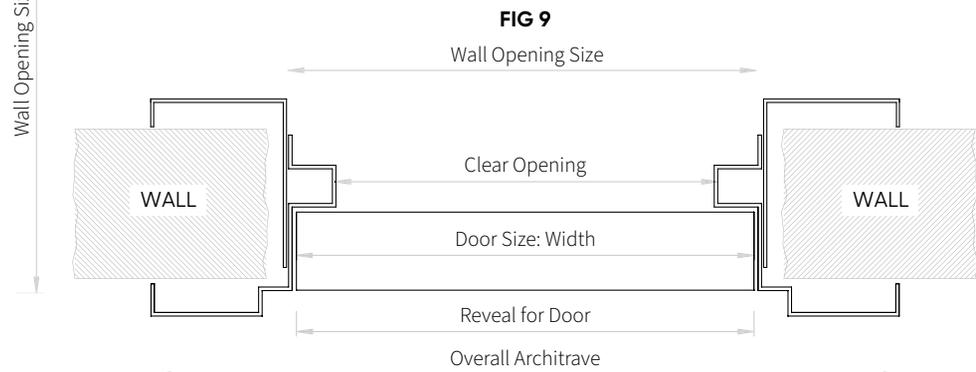
- ▶ In rural or normal urban environments, every six (6) months.
- ▶ In areas of high pollution, such as industrial areas or coastal environments, every three (3) months.
- ▶ In particularly hazardous or corrosive environments such as beachfronts, severe marine environments, areas of high industrial 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
250.PBRJ.820	2040 x 820	37	2061 x 843	2169 x 950	2104 x 926	2050 x 830	2050 x 792	2066 x 847	180°	C
250.PBRJ.920	2040 x 920	37	2061 x 943	2169 x 1050	2104 x 1026	2050 x 930	2050 x 892	2066 x 947	180°	C
250.PBRJ.1070	2040 x 1071	37	2061 x 1093	2169 x 1200	2104 x 1176	2050 x 1080	2050 x 1042	2066 x 1097	180°	B
250.PBRJ.1070 DBT	2040 x 1071	37	2061 x 1093	2169 x 1200	2104 x 1176	2050 x 1080	2050 x 1042	2066 x 1097	180°	C
250.PBRJ.820H	2220 x 820	37	2221 x 843	2329 x 950	2264 x 926	2230 x 830	2230 x 792	2226 x 847	180°	-
250.PBRJ.920H	2220 x 920	37	2221 x 943	2329 x 1050	2264 x 1026	2230 x 930	2230 x 892	2226 x 947	180°	-
250.PBRJ.1070H	2220 x 1070	37	2221 x 1093	2329 x 1200	2264 x 1176	2230 x 1080	2230 x 1042	2226 x 1097	180°	-



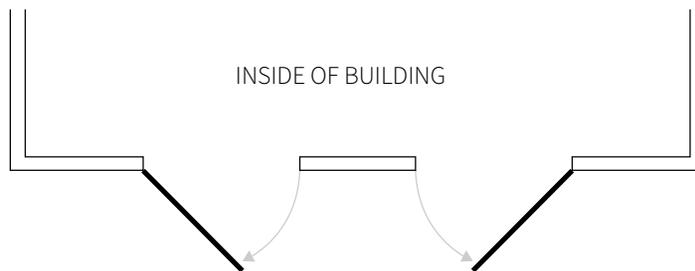
KNOW YOUR HANDING

'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.

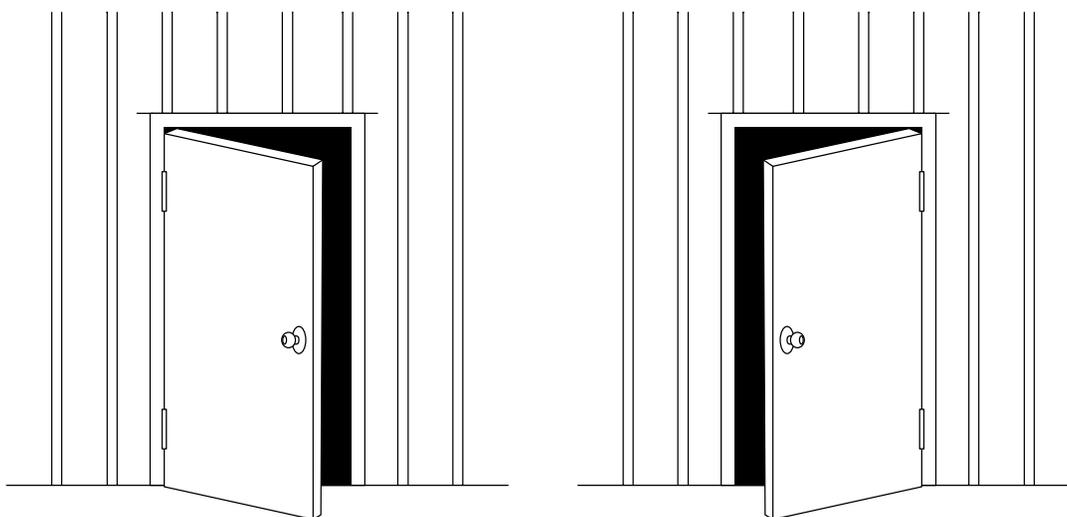
HOW DO YOU TELL?

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.