

The Sentry® 650.37 Double is an outward opening, pre-hung double door and jamb set.

Each door leaf consists of a welded and powder-coated SHS tube frame (35×35×1.6mm) with a single-skin of 0.55mm Colorbond steel sheet, fastened with colour-matched steel rivets with silicone for noise reduction.

The four-sided profile of the door jamb is multi-folded 1.5mm steel-pressed, welded and powder-coated to match the Colorbond of the door leaf or any other colour you choose.

Three 304-grade stainless steel hirline hinges (100×70×2.5mm) fasten the door and the jamb together with heavy-duty countersunk steel rivets.

The door set is designed to open outwards. The active door includes an aluminium meeting stile, anodised with natural silver, plus an extruded Kilargo IS7060si astragal seal.

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

AVAILABLE SIZES:

- » 2040mm (h) x 820mm (w) (x2)
- » 2040mm (h) x 920mm (w) (x2)

APPLICATIONS:

Steel structures, including garages, domestic sheds and farm sheds.

AVAILABLE COLOURS:

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

ADDITIONAL FINISHES:

- » Colorbond® Matt
- » Colorbond® Ultra
- » Galvanised Steel
- » Zinccaneal® Steel
- » Sentry Protect™

SUPPLIED IN SET

- » Pre-Hung Double Door and Jamb
- » Lockset
- » 100mm Pad Bolts (x2)
- » Cardboard packers between door and jamb

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 whether the set is the standard (820mm-width) doors, or the wider (920mm-width) doors.

	650.37820D
DOOR SIZE	2040mm (h) x 820mm (w)
REQ. OPENING	2055mm (h) x 1665mm (w)
	650.37920D
DOOR SIZE	2040mm (h) x 920mm (w)
REQ. OPENING	2055mm (h) x 1865mm (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 nine (9) 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 left-hand side of the jamb.
 - ▶ Work on the outside of the structure.
 - ▶ Position screws no more than 40mm from the hinge knuckle.
 - ▶ Ensure screws will go through both the door jamb and the mullions.
 - ▶ **First screw:** by the top left hinge.
 - ▶ **Second screw:** by the bottom left hinge.
 - ▶ **Third screw:** by the middle left hinge.
 - ▶ Hold 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. 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.)
5. Attach two (2) 100mm pad bolts.
 - ▶ The panic bolts attach to the inside of the non-active door.
 - ▶ Align the bolts with the oval holes in the bottom and top of the jamb (the sill).
 - ▶ Use the stainless-steel screws supplied with the bolts.

D. AFTER CARE

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

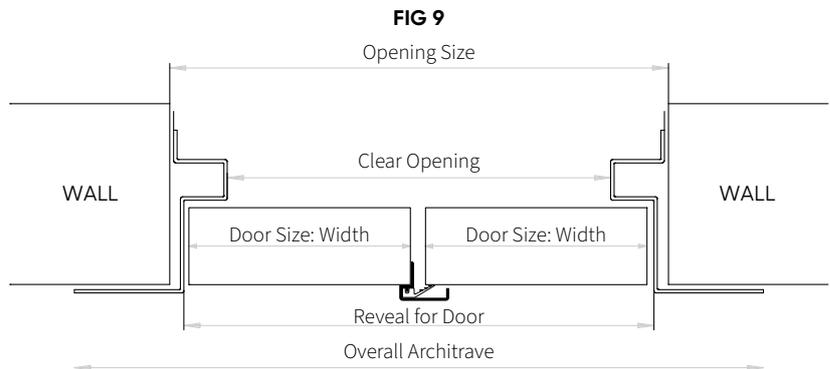
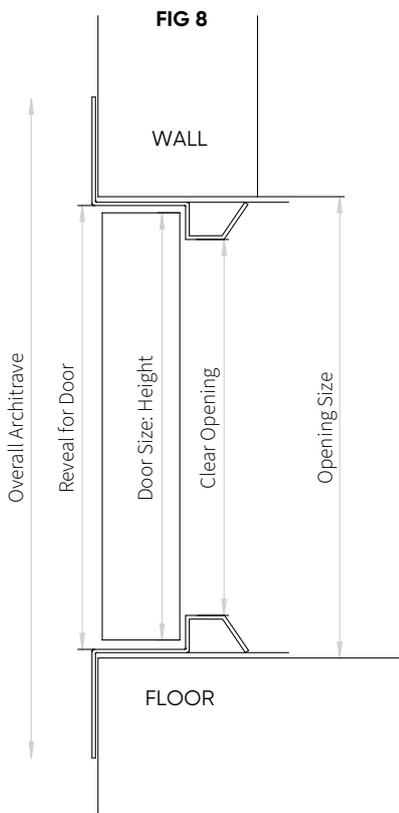
- ▶ In rural or normal urban environments, every six (6) months.
- ▶ In areas of high pollution, such as industrial areas or coastal environments, every three (3) months.
- ▶ In particularly hazardous or corrosive environments such as beachfronts, severe marine environments, areas of high industrial 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 H xW	OVERALL EXT. ARCHITRAVE HxW	OVERALL INT. ARCHITRAVE HxW	REVEAL FOR DOOR HxW	CLEAR OPENING REQUIRED HxW	OPENING SIZE HxW	DOOR OPENING ANGLE
650.37.820D	2040 x 820 (2)	35	2052 x 1662	2136 x 1749	-	2050 x 1653	2018 x 1623	2055 x 1665	180°
650.37.920D	2040 x 920 (2)	35	2052 x 1862	2136 x 1949	-	2050 x 1853	2018 x 1823	2055 x 1865	180°



Correct as at 23/05/23

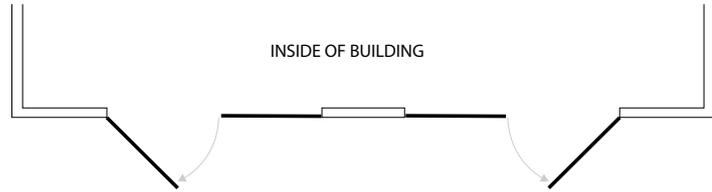
KNOW YOUR HANDING

'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

