

The Sentry® 200.SCR IS3070si IS4120 is a combination inward and outward opening, pre-hung door and jamb set.

The internal single door leaf has an SL grade 35mm polystyrene core surrounded by an internal sub-frame made of kiln-dried hoop pine (42×35mm). It includes hardware fixing points (300×140mm) 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 external door is powder coated aluminum with Panther Protect MESH screen door that is AS 5041-2003 approved with the option of either a single door lock or a high security 3 point locking system.

The door jamb has a three-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 internal door and jamb are fastened together with 3 100×75×2.5 zinc plated powder coated butt hinges 8 gauge screws and concealed welded to the jamb, and the external screen door is pop riveted to the external rebate.

The bottom door seal (Kilargo IS3070si) comprises a silver anodised aluminium carrier with grey silicone gasket and cover strip. It is paired with a threshold plate (Kilargo IS4120) that has a low profile, ensuring compliance with accessibility requirements, especially for wheelchair traffic. Together, these effectively prevent the penetration of cold, smoke, sound, dust, light, insects, and weather.

**SUPPLIED IN SET**

- » One piece jamb, pre-hung with an internal and external door
- » Locksets for each door
- » Bottom door seal (Kilargo IS3070si)
- » Threshold plate (Kilargo IS4120)
- » Brush seal and screws for external security door
- » Door closer for security door & installation instructions
- » Packers

**AVAILABLE SIZES:**

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

**APPLICATIONS:**

Steel structures, industrial and commercial buildings, industrial sheds and pump sheds. 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
- » Zinccan® Steel
- » Metaprep Primer for corrosive environments

**A. PRODUCT CHECK AND SITE**

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

**Note:** A 150mm purlin is recommended for installation due to frame depth.

**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.SCR.820</b>
<b>DOOR SIZE</b>	2040mm (h) x 820mm (w) + 2040mm (h) x 818mm (w)
<b>REQ. OPENING</b>	2095mm (h) x 882mm (w)
	<b>200.SCR.920</b>
<b>DOOR SIZE</b>	2040mm (h) x 820mm (w) + 2040mm (h) x 918mm (w)
<b>REQ. OPENING</b>	2095mm (h) x 982mm (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 into the structure from the outside starting at the hinge side of the internal door
  - ▶ 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 hinge.
  - ▶ **Second screw:** by the bottom hinge.
  - ▶ **Third screw:** by the middle 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.
- 5. Screw off the latch-side from outside the structure 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. (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 and bottom spreader bar from the door.
2. Peel back the protective covering surrounding the lock preps.
3. Fit the supplied lockset & Security door closer using installation instructions for hardware.
4. Attach the Kilargo IS4120 Silver Anodised Aluminium Threshold Plate to the floor, using supplied screws and plugs, or a builder’s adhesive (not supplied) for concealed fixing.
5. Attach the Kilargo IS3070si Weather Resistant Bottom Door Seal to the door, using supplied screws and pre-drilled fixing holes.
6. Attach the Security screen brushed door seal to front on security door using supplied screws/rivets.
7. 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:

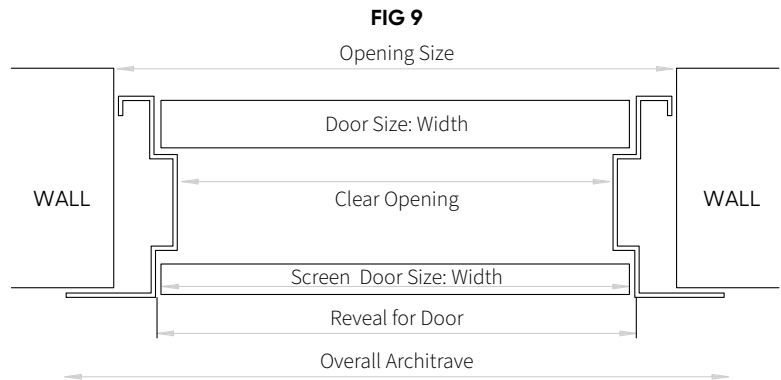
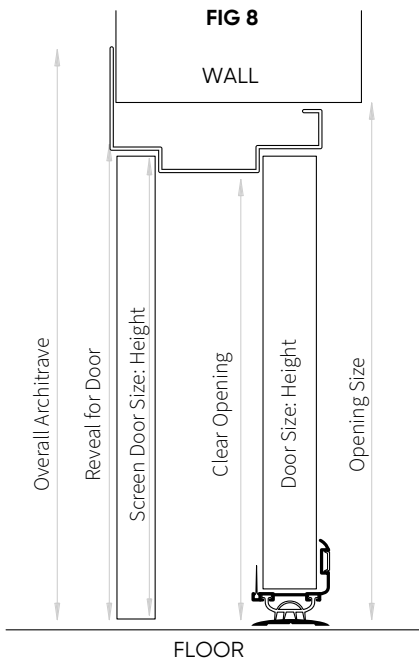
- ▶ In rural or normal urban environments, every six (6) months.
- ▶ In areas of high pollution, such as industrial areas or coastal environments, every three (3) months.
- ▶ In particularly hazardous or corrosive environments such as beachfronts, severe marine environments, areas of high industrial 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	OPENING SIZE HxW	DOOR OPENING ANGLE
200.SCR.820 IS3070si + IS4120	2040 x 820 + 2040 x 818	37	2090 x 878	2130 x 958	-	2065 x 828	2045 x 798	2095 x 882	180°
200.SCR.920 IS3070si + IS4120	2040 x 820 + 2040 x 918	37	2090 x 978	2130 x 1058	-	2065 x 928	2045 x 898	2095 x 982	180°



**KNOW YOUR HANDING**

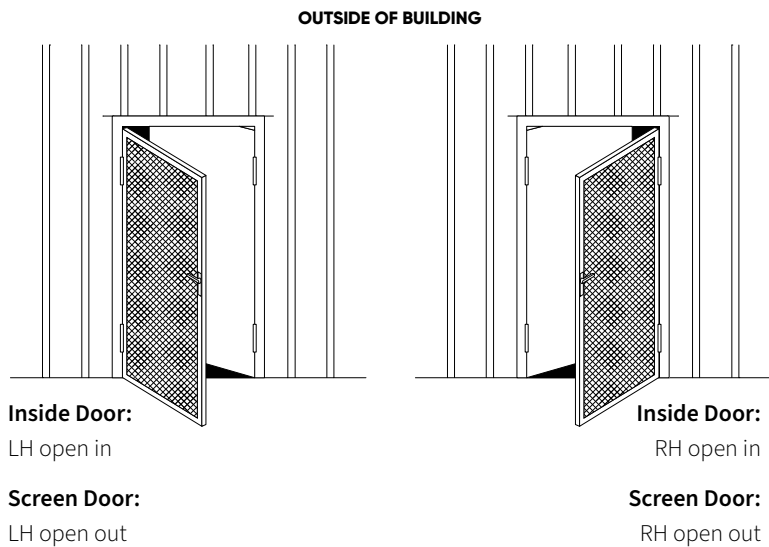
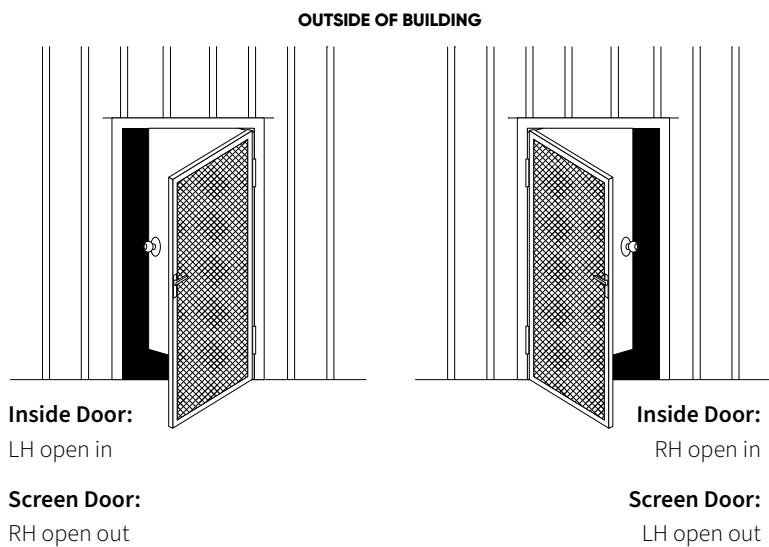
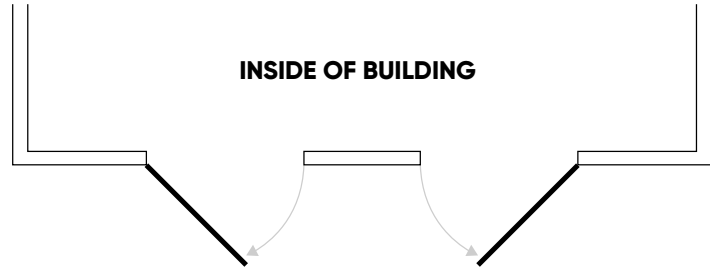
'Handing' describes where the hinges are on a door that is opening towards you. When you order a new door, it is important to know its handing so that it suits your installation.

**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**.

As the Sentry 200 Screen is supplied with two pre-hung doors, it is important to remember that the handing is defined by the direction that each door opens towards you as you stand towards it. As the handles are spaced at different heights (1225mm to centre of the screen door handle and 1020mm to the centre of the 200 door handle) the doors can be handed to the same side or opposite sides, depending on your needs.



Correct as at 23/05/24

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.