

BEFORE YOU START

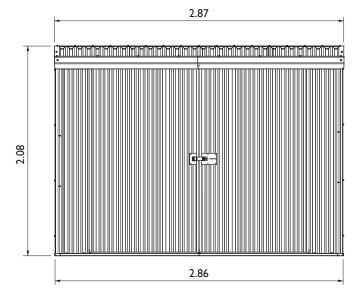
- To ensure that the installation and erection of your Stratco Handi-Mate™ Shed proceeds smoothly you should confirm that all the components and materials listed on the delivery documentation and in this installation guide have been supplied. Details for ordering individual components can be found in the "Component Index" section at the end of this document.
- Carefully read this installation guide to familiarise yourself with all the steps involved and ensure that you have the correct tools and equipment for the job.
- There are different types and colours of screws. Ensure that the right type and colour screw is being used at each location.
- Use heavy gloves when handling steel sheeting and flashings and never attempt to install a shed in windy conditions.
- It is important that you contact your local government authority to determine if building approval is required.
- Stability and performance of the shed relies on the door being closed during high wind events.
- It is essential to clear and level the site prior to assembling your Stratco Handi-Mate™ Shed.
- Do not traverse the roof of the Handi-Mate™.
- The installer is responsible for ensuring the wall, slab or concrete pads are sufficient to support the shed and sustain wind loading. Do not directly anchor your shed to pavers. All Stratco Handi-Mate™ Off the Wall Sheds must be securely bolted to a permanent concrete base and brick or concrete wall with sufficient masonry anchors as specified in Figure 9.5 to prevent wind uplift.
 - Option 1 Before building the shed, pour a base that is larger than the area by at least 200mm in each direction. The base should be poured so the concrete outside the shed floor area slopes away from the shed to help prevent water from entering the shed.
 - Option 2 Substantial concrete pads may be used at each anchor location as an alternative to a complete concrete floor. It is recommended pads are minimum Ø250mm x 400mm deep, embedded into a firm natural soil base.
- Where necessary, components are marked with a coloured sticker as to easily differentiate one from another. Components are referenced throughout the installation guide by their colour. For example, Bottom Channel is marked with a red sticker.

HANDI-MATE™ OFF THE WALL HML LOCKER SHED

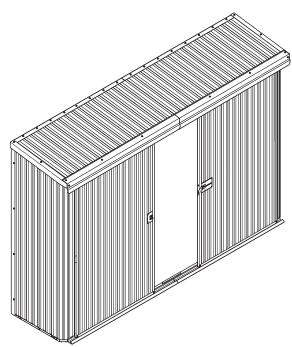
TOOLS REQUIRED



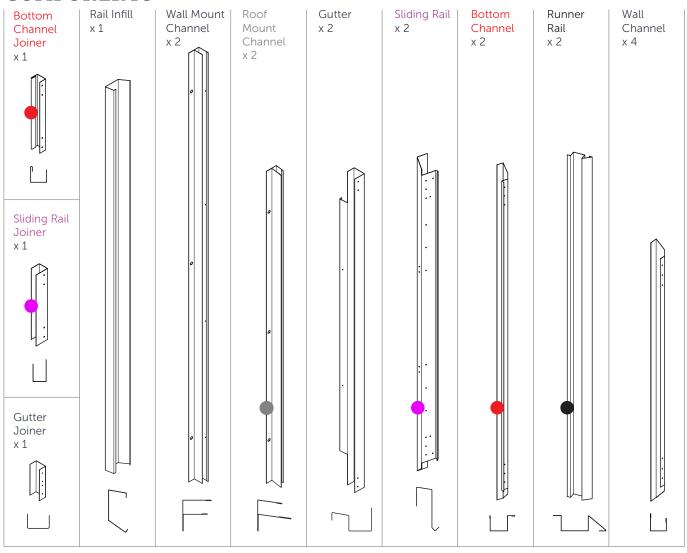
HANDI-MATE™ DIMENSIONS

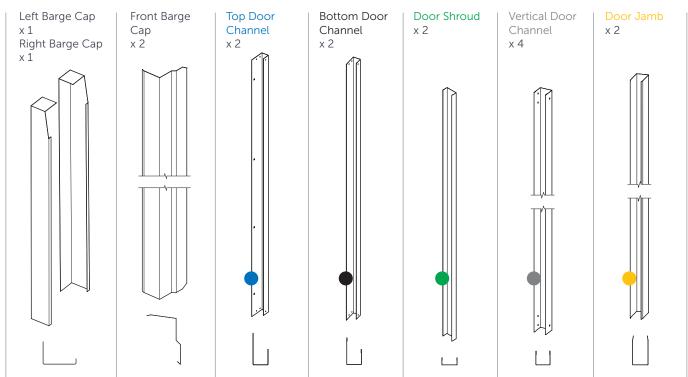




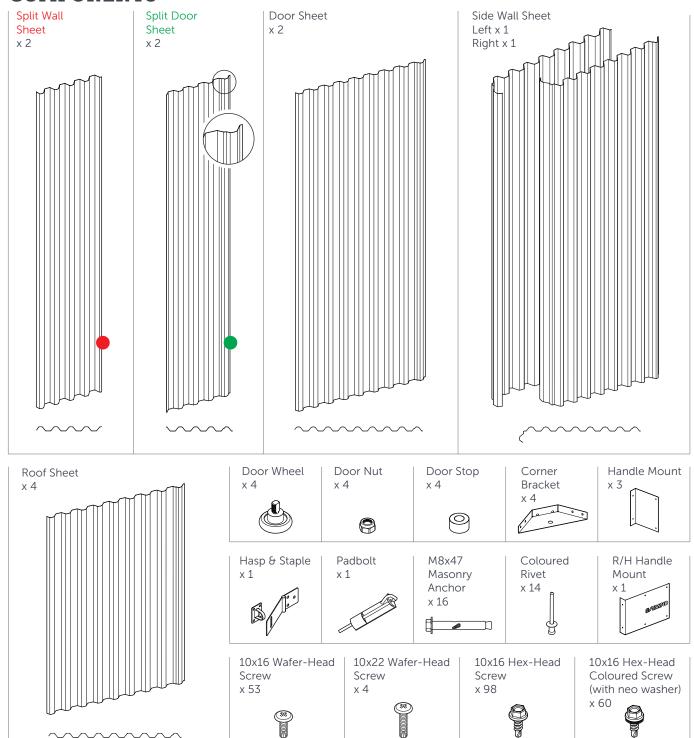


COMPONENTS





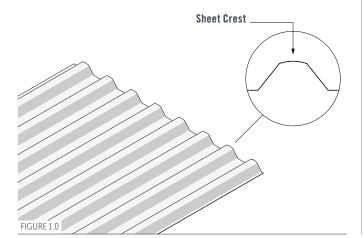
COMPONENTS



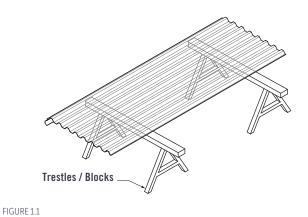


ASSEMBLY HANDY HINTS

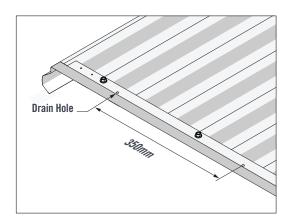
The 'Sheet Crest', as referenced throughout this guide, refers to the curved top faces of the sheet (Figure 1.0).



When assembling the Wall and Door Sheets, lay the sheets down on trestles/blocks (Figure 1.1). This will make assembly easier and reduce the risk of damage to components.



(Optional) Drainage holes can be drilled to help trapped water flow out of the bottom Wall Channels. After assembling the Walls, drill 6mm holes spaced approximately 350mm apart through the bottom Wall Channels of each Wall. Ensure holes are located in-between Sheet crests. Ensure metal filings are removed from the channels as to prevent rust spots from forming (Figure 1.2).



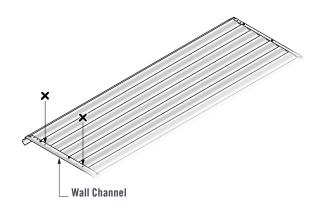
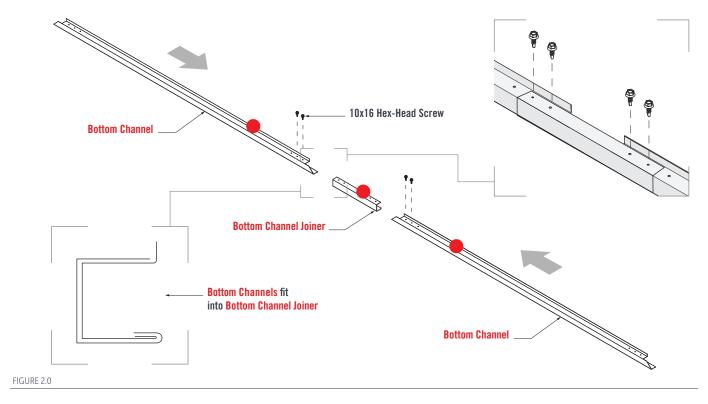


FIGURE 1.2

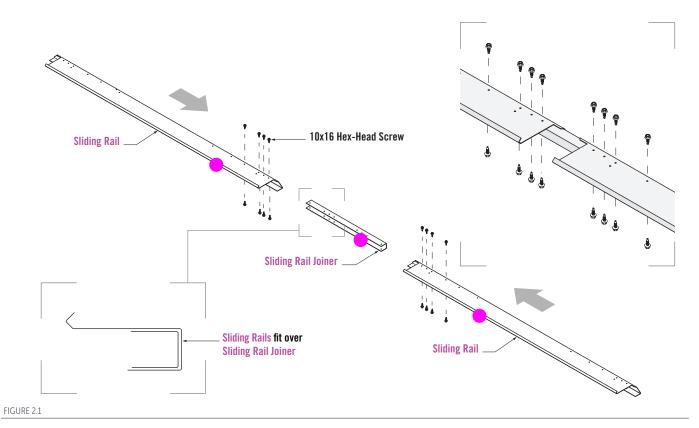
CHANNEL ASSEMBLIES

Slide both Bottom Channels into the Bottom Channel Joiner. Ensure the four middle pre-punched holes of the Bottom Channel Joiner and Bottom Channels line up.

Fasten four 10x16 Hex-Head Screws through the four middle pilot holes of the Bottom Channel Joiner and into the Bottom Channels (Figure 2.0).



Slide both Sliding Rails over the Sliding Rail Joiner. Ensure the middle pre-punched holes of the Sliding Rail Joiner and Sliding Rail line up. Fasten sixteen 10x16 Hex-Head Screws through the pilot holes of the Sliding Rails and into the Sliding Rail Joiner (Figure 2.1).





RIGHT SIDE WALL ASSEMBLY

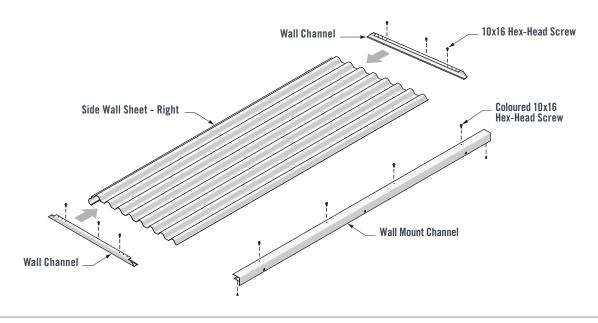
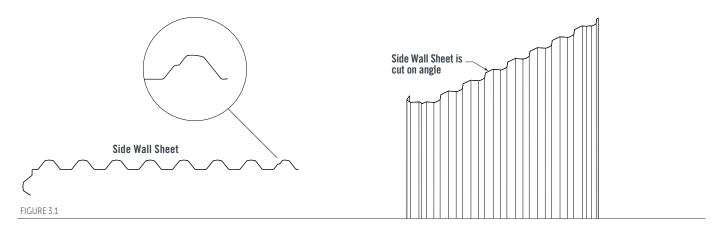
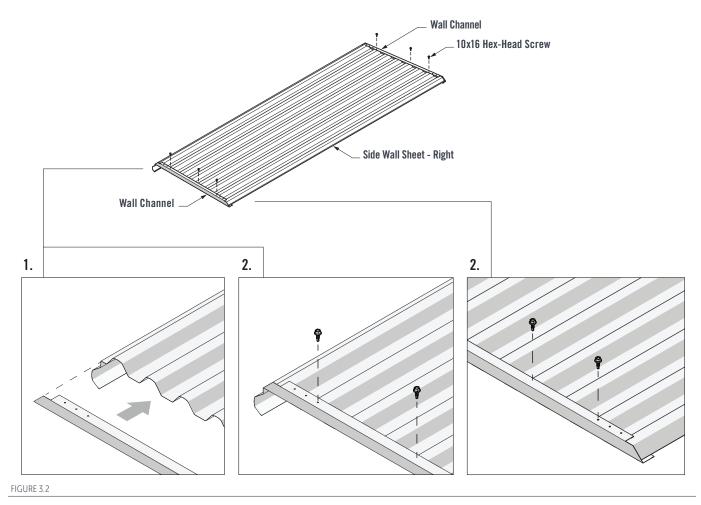


FIGURE 3.0

Using Trestles or Blocks to support the Sheets, lay the Corner Wall Sheet down. Note: the top of the Side Wall Sheets are cut on an angle (Figure 3.1).

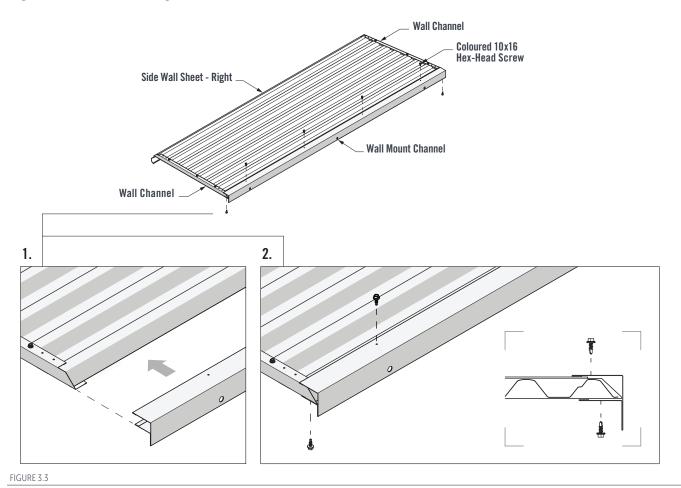


- 1. Fit the Wall Channels over the Side Wall Sheet (Right). The end of the Wall Channel should fit up against the end of the Corner Wall Sheet (Figure 3.2).
- 2. Fasten through the third pilot hole of both Wall Channel ends and into the Wall Sheet crests. Fasten through the Wall Channels and into the third Wall Sheet crest using one 10x16 Hex-Head Screw in each Wall Channel (Figure 3.2).



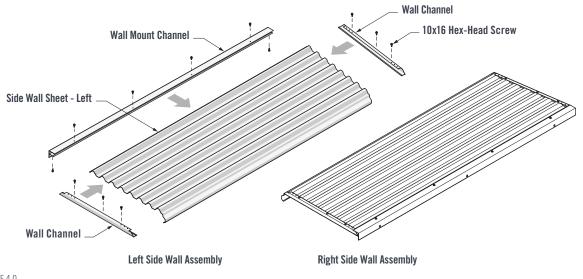


- 1. Fit the Wall Mount Channel over the Side Wall Sheet (Right). The end of the Wall Mount Channel should fit up against the end of the Wall Channel (Figure 3.3).
- 2. Fasten six Coloured 10x16 Hex-Head Screws through the pilot holes of the Wall Mount Channel and into the Side Wall Sheet (Right) and Wall Channels (Figure 3.3).



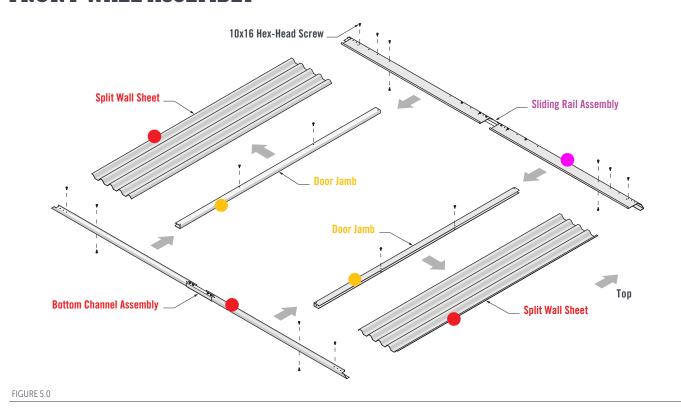
LEFT SIDE WALL ASSEMBLY

Repeat steps in Figures 3.0 - 3.3 to make a Left Side Wall Assembly.





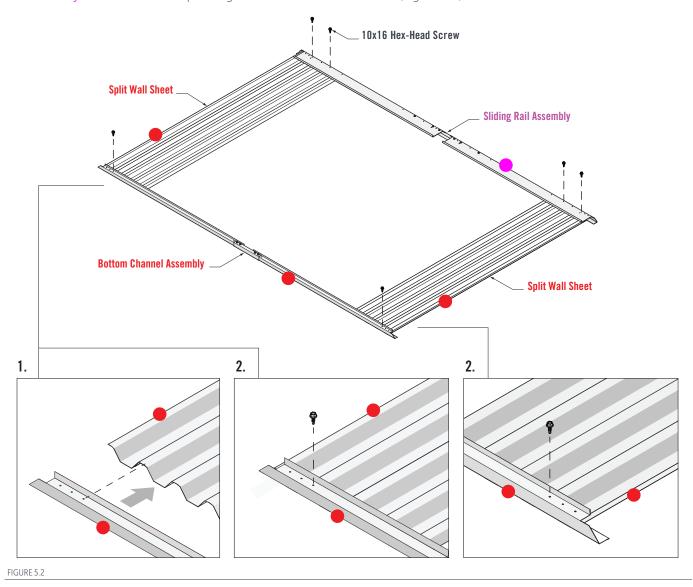
FRONT WALL ASSEMBLY



Using Trestles or Blocks to support the Sheets, lay down the two Split Wall Sheets (Figure 5.1).

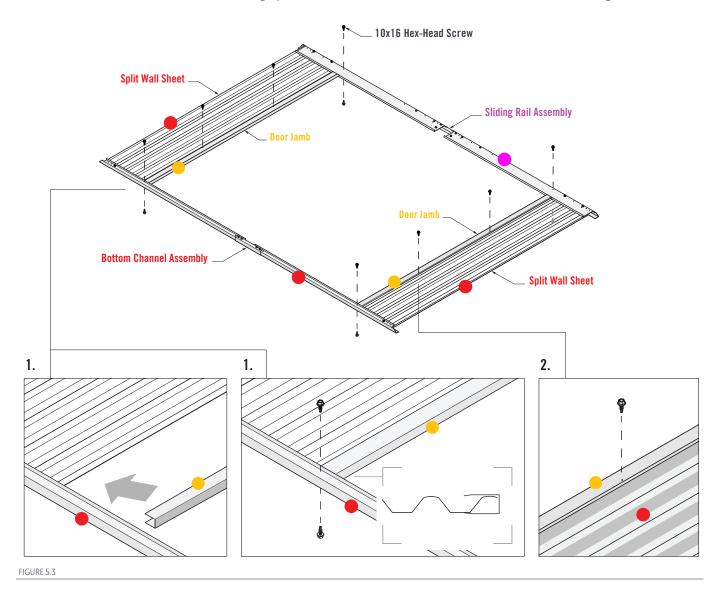


- 1. Fit the Bottom Channel Assembly and Sliding Rail Assembly over the Wall Sheets. Align the third pilot hole of the Bottom Channel and Sliding Rail Assembly with the Split Wall Sheet crest (Figure 5.2).
- 2. Fasten one 10x16 self-drilling screw through the third pilot hole of the Bottom Channel and Sliding Rail Assembly and into the corresponding Wall Sheet crests at each corner. Fasten a 10x16 Self-drilling Screw through the fifth pilot hole of the Sliding Rail Assembly and into the corresponding Wall Sheet crest at both ends (Figure 5.2).





- 1. Fit the Door Jambs into the Bottom Channel Assembly and Sliding Rail Assembly. Position the Door Jambs over the Wall Sheets. Fasten both Door Jambs to the Channel Assemblies with eight 10x16 Hex-Head Screws (Figure 5.3).
- 2. Fasten four 10x16 Hex-Head Screws through pilot holes of the Door Jambs and into to the Wall Sheets (Figure 5.3).





DOOR ASSEMBLY

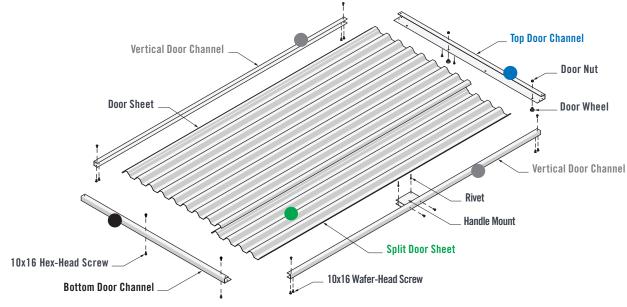
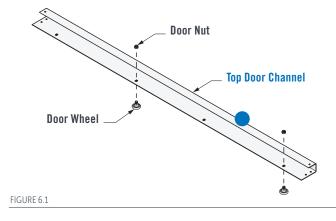
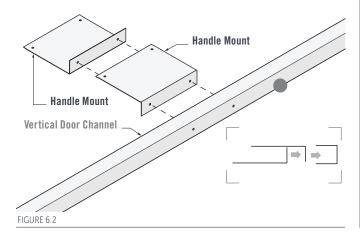


FIGURE 6.0

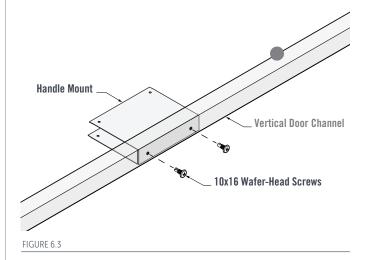
Fix the two Door Wheels to the Top Door Channel using Door Nuts (Figure 6.1).



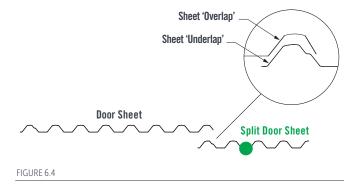
Fit the two Handle Mounts into the Vertical Door Channel (Figure 6.2). The two Handle Mounts are the same component, so can be installed in either order.



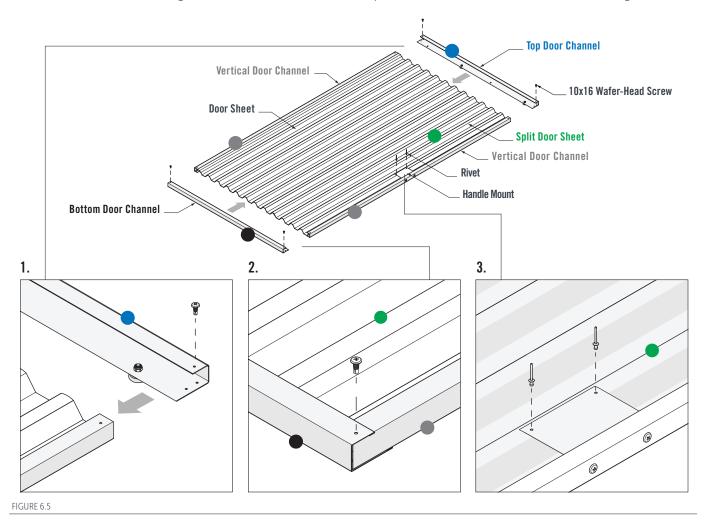
Fasten two 10x16 Wafer-Head Screws through the Vertical Door Channel and into the Handle Mounts (Figure 6.3).



Using Trestles or Blocks to support the Sheets, lay down the Split Door Sheet and Door Sheet. Pay attention to lapping details (Figure 6.4).

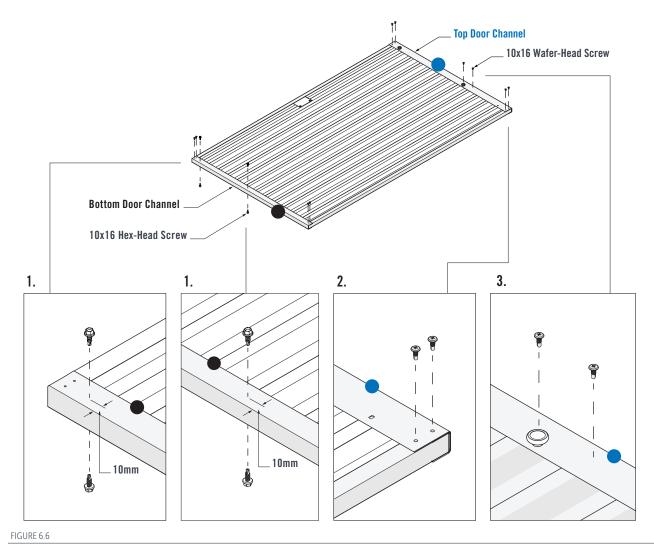


- 1. Fit the Vertical Door Channels over the side of the door sheets, then fit the Top and Bottom Door Channels over the door sheet ends. Ensure the lip of the Top and Bottom Door Channels fit over the Vertical Door Channels (Figure 6.5).
- 2. Fasten one 10x16 Wafer-Head Screw through the pilot holes in the corner of each Top & Bottom Channel and into the Vertical Door Channels (Figure 6.5).
- 3. Drill two 3.5mm holes through the Handle Mount and into the Split Door Sheet. Install two coloured Rivets (Figure 6.5).





- 1. Fasten a 10x16 Hex-Head Screw into the mid-point of the Bottom Door Channel. Ensure the screw is fastened approximately 10mm from the bottom face of the Channel. Fasten a 10x16 Hex-Head Screw near the Handle Mount end of the Bottom Door Channel. Flip over the Door Assembly so that the underside is now facing up. Fasten two more 10x16 Hex-Head Screws in the same manner on the opposite side of the Bottom Door Channel (Figure 6.6).
- 2. Fasten two 10x16 Wafer-Head Screws through pilot holes in the Top and Bottom Door Channels and into the Vertical Door Channels at all four corners (Figure 6.6).
- 3. Fasten a 10x16 Wafer-Head Screw through the Top Door Channel and into the two Sheet Crests on both sides of the Door Wheel. (Figure 6.6).





DOOR ASSEMBLY - RIGHT

The Door Assembly - Right is a mirrored copy of the Door Assembly - Left.

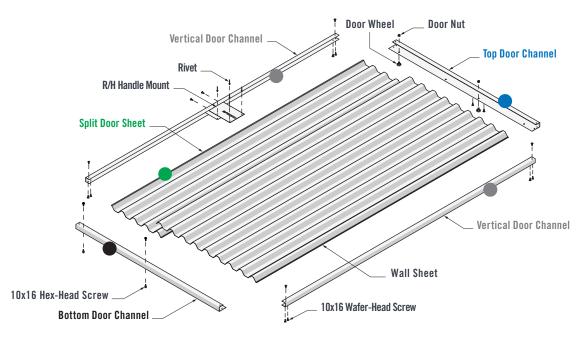
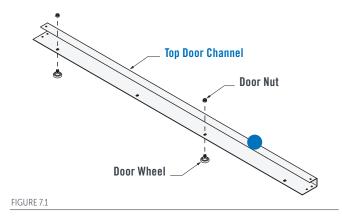
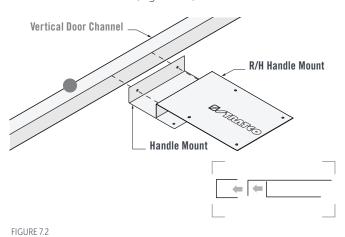


FIGURE 7.0

Fix the two Door Wheels to the Top Door Channel using Door Nuts (Figure 7.1).



Fit the Right Hand Handle Mount and Handle Mount into the Vertical Door Channel (Figure 7.2).



Fasten two 10x16 Wafer-Head Screws through the Vertical Door Channel and into the Handle Mounts (Figure 7.3).

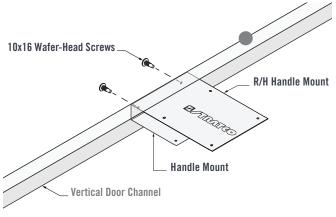


FIGURE 7.3

Using Trestles or Blocks to support the Sheets, lay down the Split Door Sheet and Door Sheet. Pay attention to lapping details (Figure 7.4).

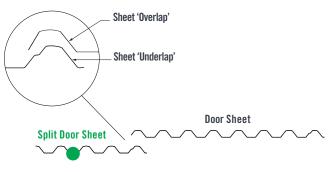
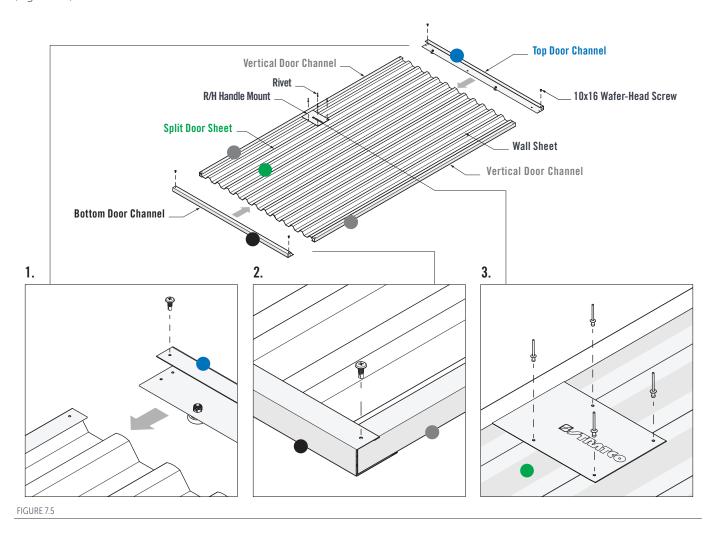


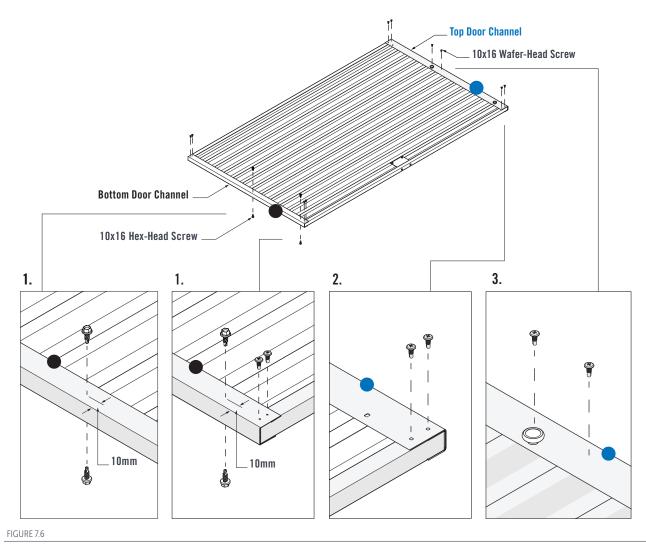
FIGURE 7.4

- 1. Fit the Vertical Door Channels over the side of the door sheets, then fit the Top and Bottom Door Channels over the door sheet ends. Ensure the lip of the Top and Bottom Door Channels fit over the Vertical Door Channels (Figure 7.5).
- 2. Fasten one 10x16 Wafer-Head Screw through the pilot holes in the corner of each Top & Bottom Channel and into the Vertical Door Channels (Figure 7.5).
- 3. Drill four 3.5mm holes through the Right Hand Handle Mount and into the Split Door Sheet. Install four coloured Rivets (Figure 7.5).





- 1. Fasten a 10x16 Hex-Head Screw into the mid-point of the Bottom Door Channel. Ensure the screw is fastened approximately 10mm from the bottom face of the Channel. Fasten a 10x16 Hex-Head Screw near the Handle Mount end of the Bottom Door Channel. Flip over the Door Assembly so that the underside is now facing up. Fasten two more 10x16 Hex-Head Screws in the same manner on the opposite side of the Bottom Door Channel (Figure 7.6).
- 2. Fasten two 10x16 Wafer-Head Screws through pilot holes in the Top and Bottom Door Channels and into the Vertical Door Channels at all four corners (Figure 7.6).
- 3. Fasten a 10x16 Wafer-Head Screw through the Top Door Channel and into the two Sheet Crests on both sides of the Door Wheel (Figure 7.6).

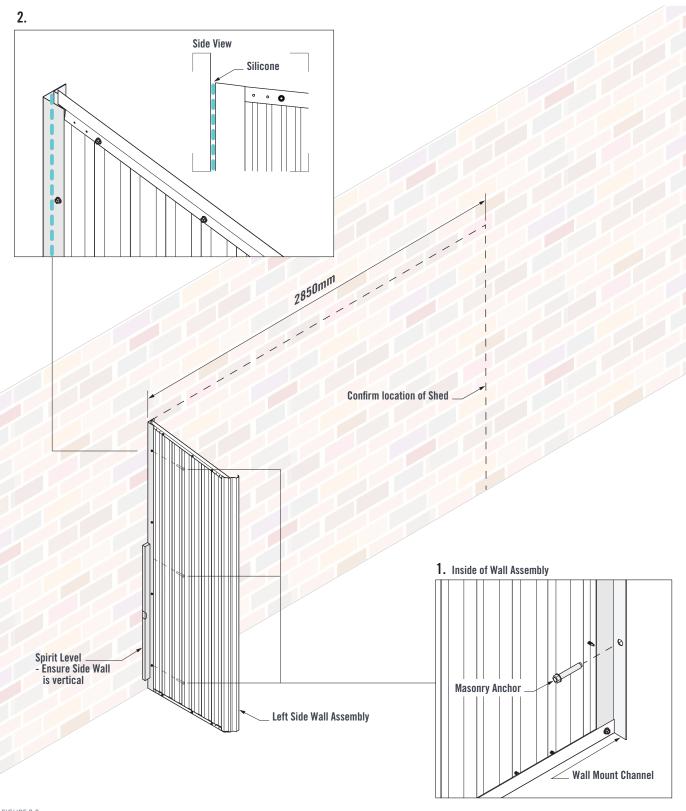




JOINING WALL ASSEMBLIES

Confirm the location of the Shed against the building wall. Position the Left Side Wall Assembly against the building wall. Use a spirit level to ensure the Wall Assembly it is vertical and square to the wall (Figure 8.0).

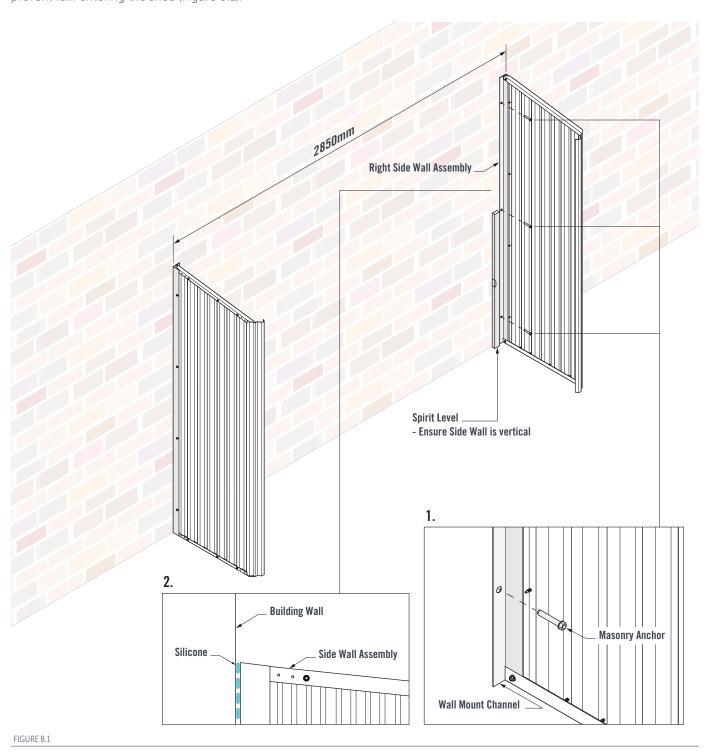
- 1. Mark and drill three 10mm holes through the pilot holes of the Wall Mount Channel and into the building wall. Loosely install three M10x47 Masonry Anchors (Figure 8.0).
- 2. Before tightening the Masonry Anchors, apply a bead of silicone between the Wall Mount Channel and building wall to prevent rain entering the shed (Figure 8.0).



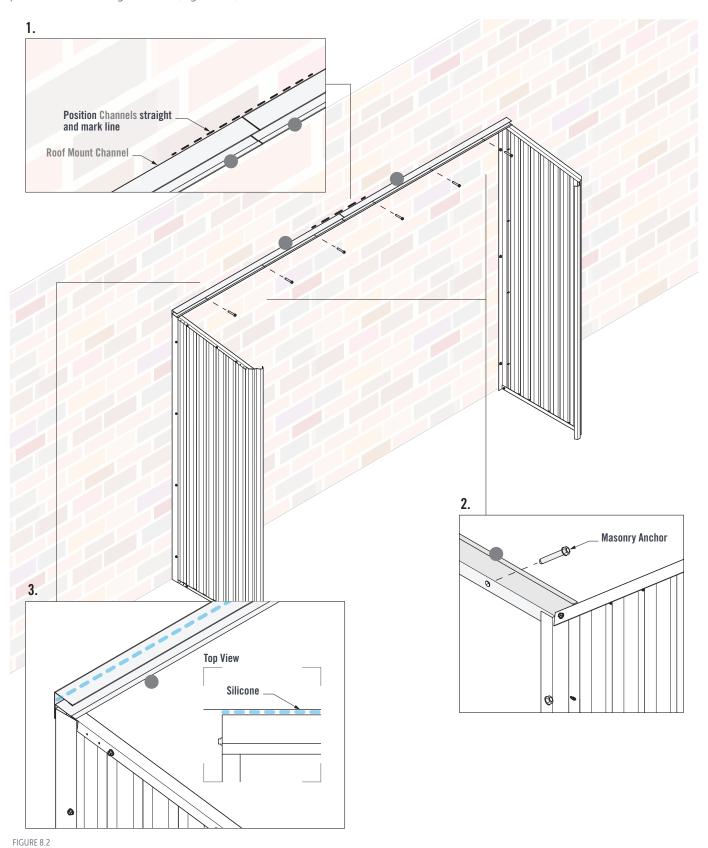


Position the Right Side Wall Assembly against the building wall. Use a spirit level to ensure the Wall Assembly it is vertical and square to the wall. Ensure a spacing of 2850mm between the outer-most faces of the walls (Figure 8.1).

- 1. Mark and drill three 10mm holes through the pilot holes of the Wall Mount Channel and into the building wall. Loosely install three M10x47 Masonry Anchors (Figure 8.1).
- 2. Before tightening the Masonry Anchors, apply a bead of silicone between the Wall Mount Channel and building wall to prevent rain entering the shed (Figure 8.1).



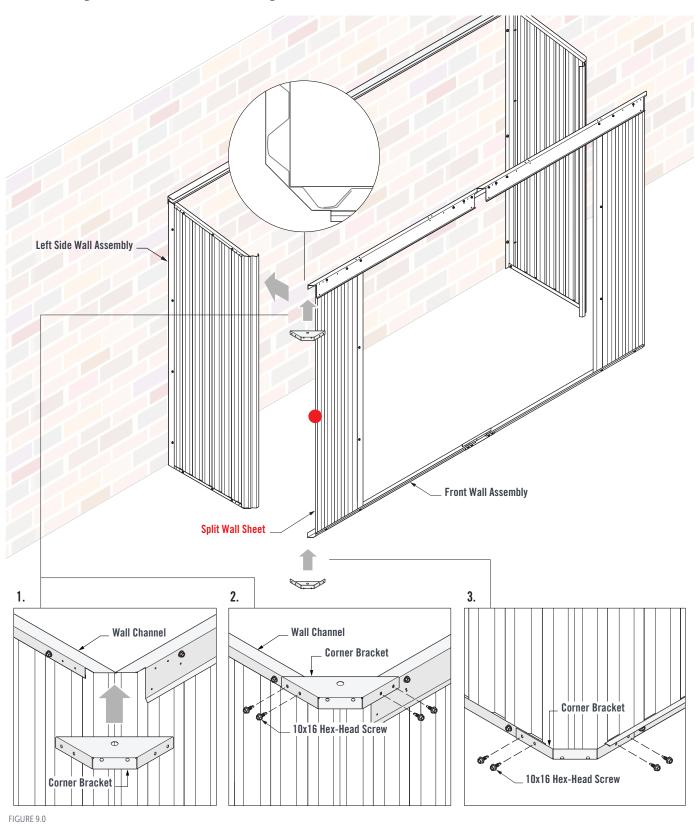
- 1. Ensure both ends of the Roof Mount Channels are in-line with the Wall Mount Channels. Ensure the Channels are straight and mark their position on the wall (Figure 8.2).
- 2. Mark and drill three 10mm holes through the pilot holes of both Roof Mount Channels and into the building wall. Loosely install three M10x47 Masonry Anchors in both Channels (Figure 8.2).
- 3. Before tightening the Masonry Anchors, apply a bead of silicone between the Roof Mount Channels and building wall to prevent rain entering the shed (Figure 8.2).



JOINING WALL ASSEMBLIES

Fit the Corner Wall Sheet of the Left Side Wall Assembly over the Front Split Wall Sheet. Ensure the Corner Sheet fits inside the Front Wall Channels (Figure 9.0).

- 1. Fit a Corner Bracket over the top Channels. Ensure the pilot holes of the Corner Bracket and Channels line up (Figure 9.0).
- 2. Fasten through the Corner Bracket pilot holes and into the top Channels using four 10x16 Hex-Head Screws (Figure 9.0).
- 3. Fit a Corner Bracket to the bottom Wall Channels. Fasten through the Corner Bracket pilot holes and into the bottom Wall Channels using four 10x16 Hex-Head Screws (Figure 9.0).





Fit the Corner Wall Sheet of the Right Side Wall Assembly over the Front Split Wall Sheet. Ensure the Corner Sheet fits inside the Front Wall Channels (Figure 9.1).

Fit the Corner Brackets as per Figure 9.0.

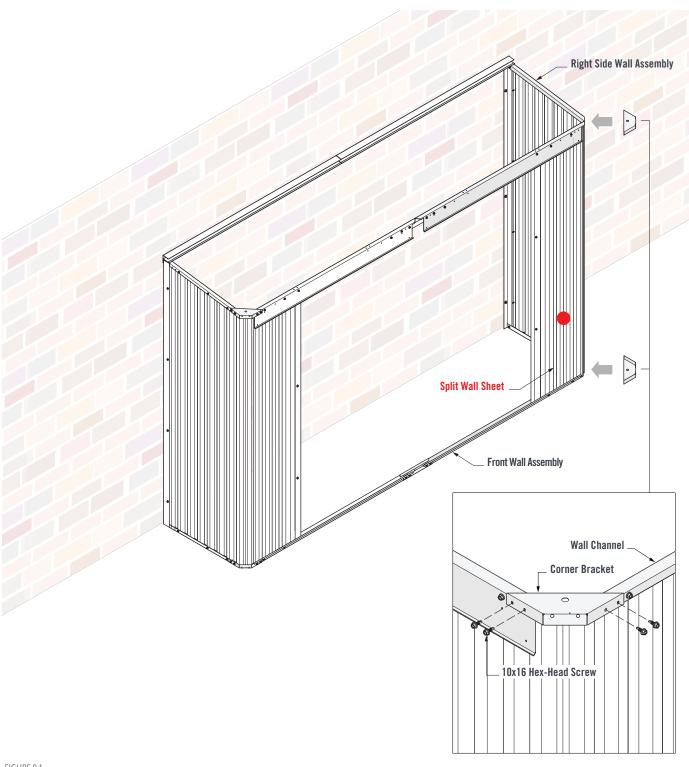
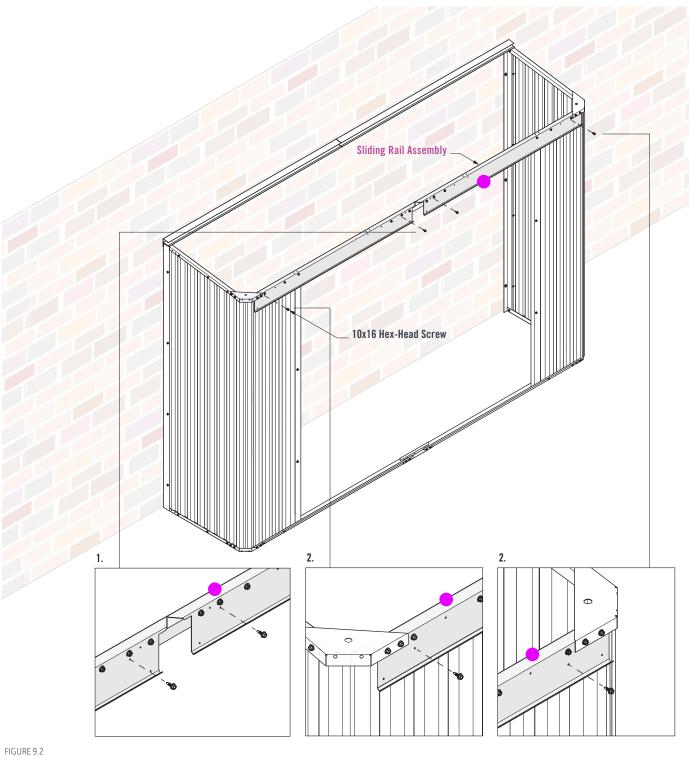


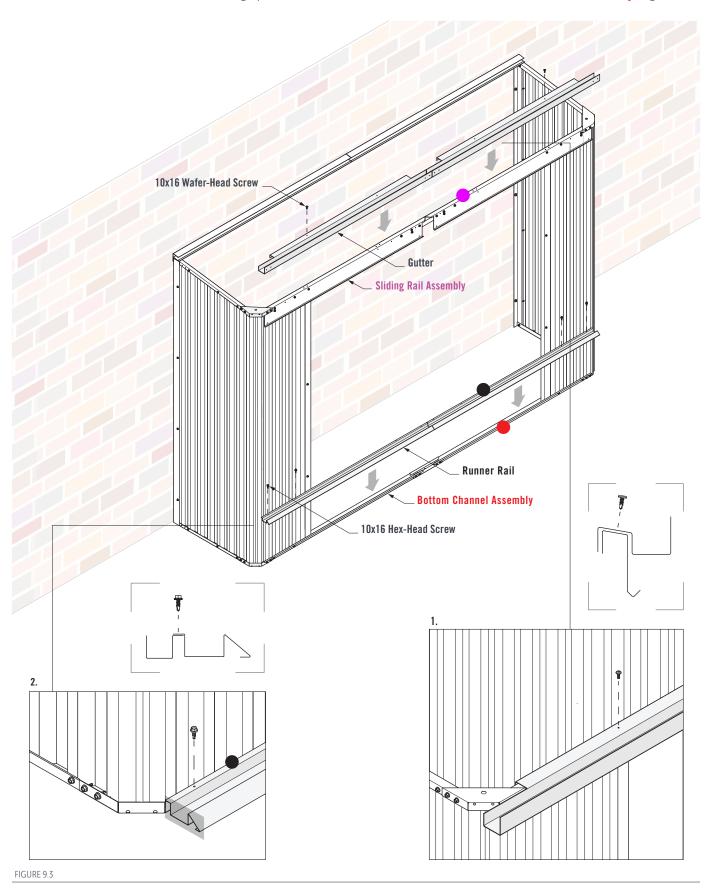
FIGURE 9.1



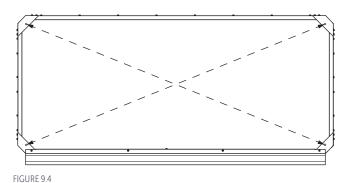
- 1. Fasten two 10x16 Hex-Head Screws through the pilot holes at the middle of the Sliding Rail Assembly (Figure 9.2).
- 2. Fasten two 10x16 Hex-Head Screws through the pilot holes at the end of the Sliding Rail Assembly (Figure 9.2).



- 1. Fit the Gutter over the Sliding Rail Assembly. Fasten one 10x16 Wafer-Head Screw through each pilot hole of both Gutters and into the Sliding Rail Assembly (Figure 9.3).
- 2. Fit the Runner Rail over the Bottom Channel. Ensure the end of the Runner Rail is in line with the edge of the Corner Bracket. Fasten four 10x16 Hex-Head Screws through pilot holes in the Runner Rails and into the Bottom Channel Assembly (Figure 9.3).



Check the walls are square. Check the diagonal measurements from corner to corner (dashed lines, Figure 9.4). The diagonal measurements should be equal for the walls to be square.



Note: Shed anchoring requirements are determined by the wind zone the Handi-Mate is installed in. Contact a Stratco store for further information or to determine your

wind zone.

The recommended anchor spacing in Figure 9.5 below, where anchor points are no greater than 900mm apart, will satisfy engineering requirements for N1, N2 and N3 wind zones.

Use a 10mm masonry drill bit to drill two holes through the Bottom Wall Channel of the front wall and into the concrete base. Secure the Bottom Wall Channel to the concrete base with two M8x47 Masonry Anchors (Figure 9.5).

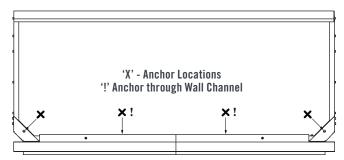
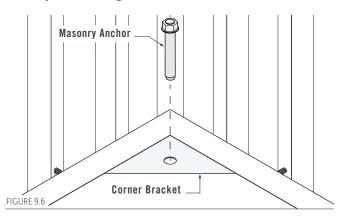


FIGURE 9.5

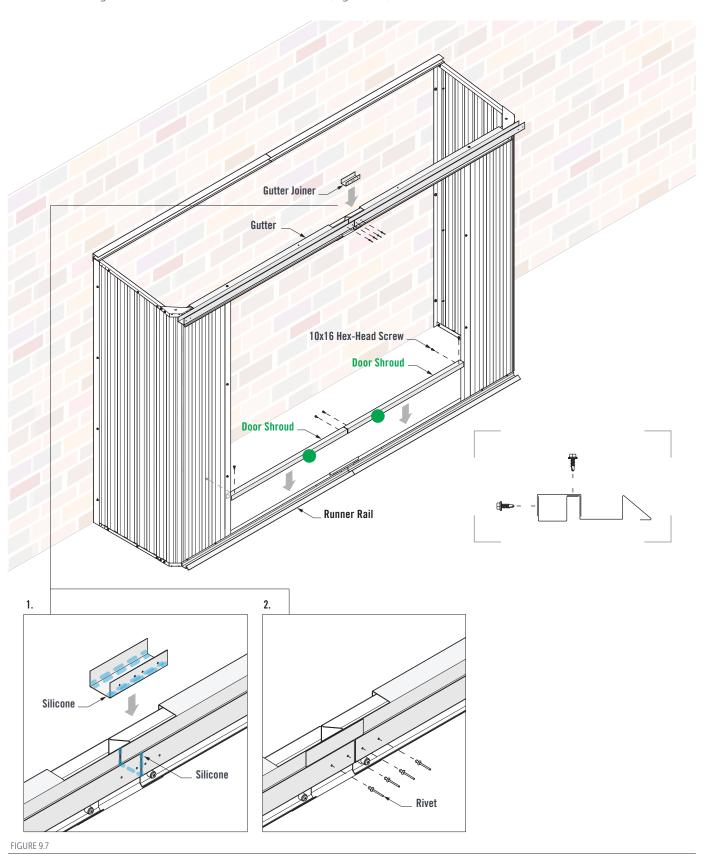
Using the Corner Bracket pilot holes as a guide, drill holes in both corners with a 10mm masonry drill bit. Secure both bottom Corner Brackets to the concrete base with M8x47 Masonry Anchors (Figure 9.6).





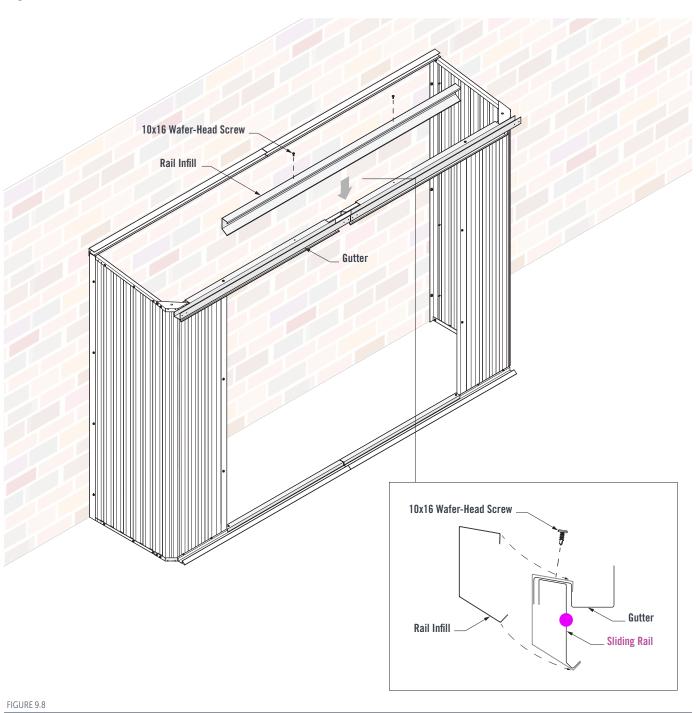
Fasten both Door Shrouds to the Runner Rail with six 10x16 Hex-Head Screws (Figure 9.7).

1. Apply silicone to the underside of the Gutter Joiner and centre of the Gutters. Fit the Gutter Joiner into the Gutters. Fasten four Rivets through the Gutters and into the Gutter Joiner (Figure 9.7).



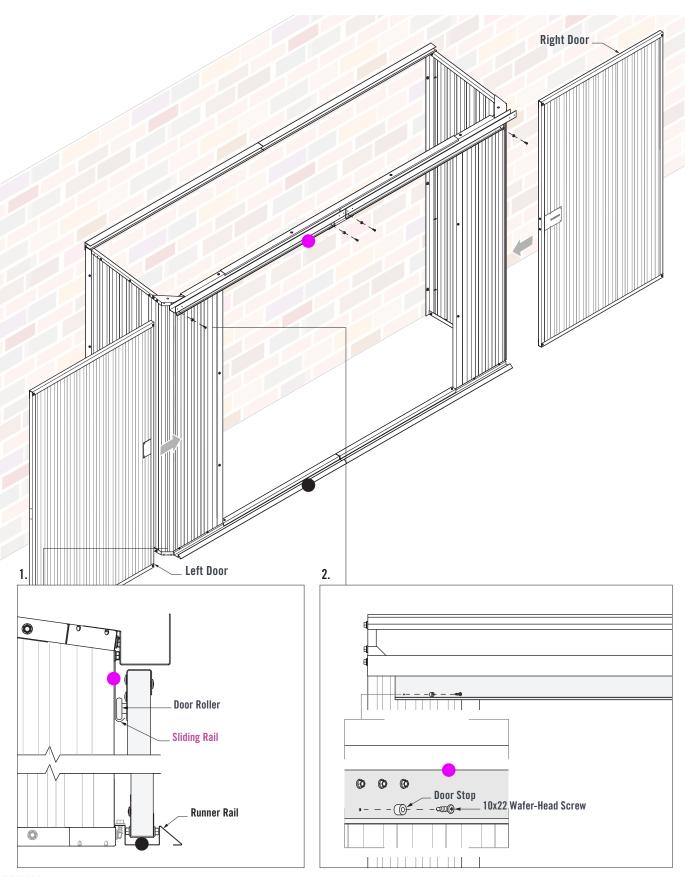


Fit the Rail Infill over the Gutter and Sliding Rails. Fasten the Rail infill to the Gutter with two 10x16 Wafer-Head Screws (Figure 9.8).

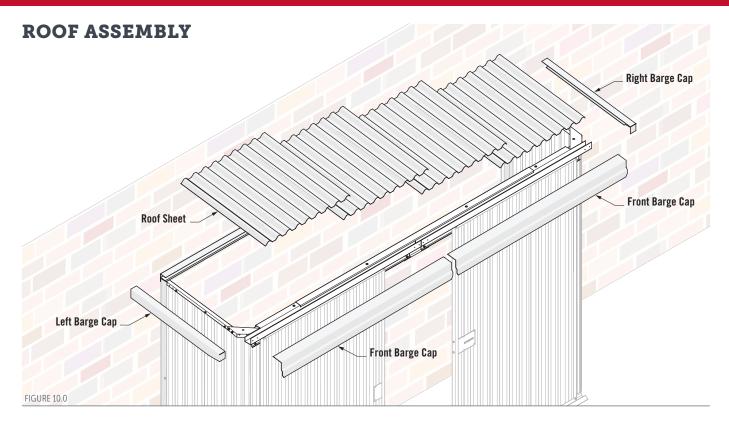




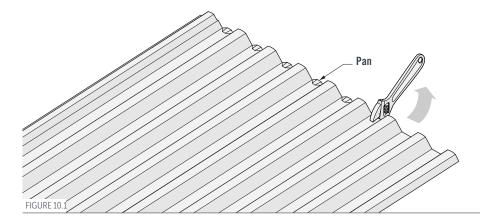
- 1. Slide the Left and Right Doors into the Sliding and Runner Rails. The Door Roller should fit into the Sliding Rail at the top. The bottom of the Door should fit into the Runner Rail at the bottom (Figure 9.9).
- 2. Fasten Door Stops through the pilot holes at both ends of the Sliding Rail with 10x22 Wafer-Head Screws. Fasten two more Door Stops to the other Sliding Rail, so that a Door Stop is installed at both ends of both Sliding Rails (Figure 9.9).



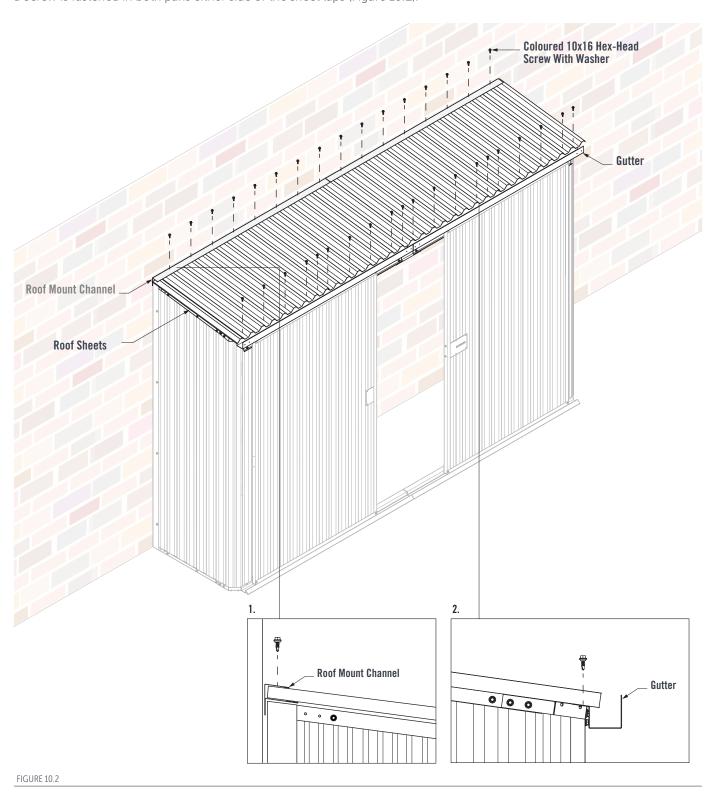




Use an adjustable spanner to turn up the pans at the Roof Mount Channel end of the Roof Sheets. This will prevent water flowing back under the sheet (Figure 10.1).

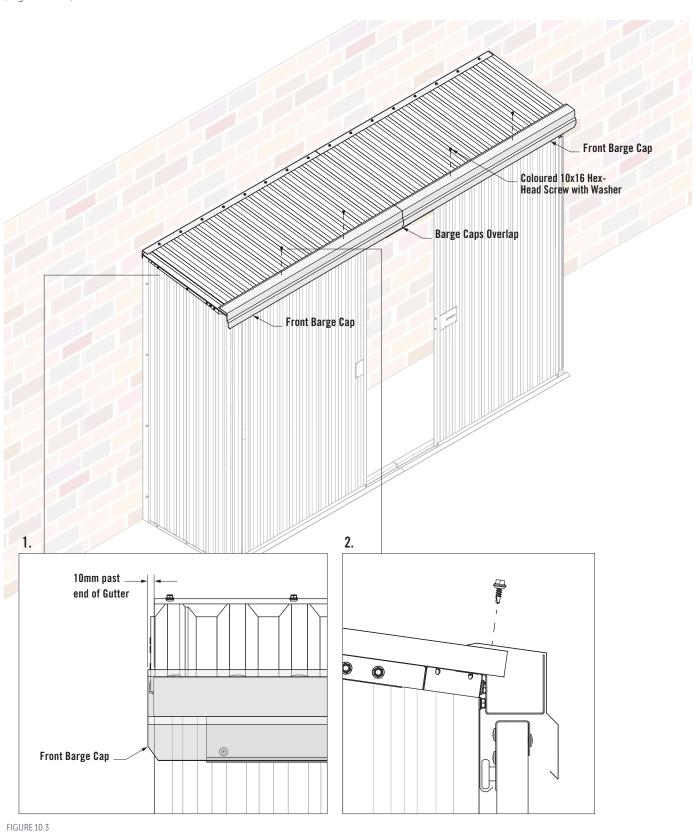


- 1. Fit the Roof Sheets into the Roof Mount Channels. Fasten sixteen Coloured 10x16 Hex-Head Screws with Neo Washers through the Roof Mount Channel and into the Roof Sheets (Figure 10.2).
- 2. Fasten twenty Coloured 10x16 Hex-Head Screws with Neo Washers through the Roof Sheet pans and into the Gutter. Ensure a Screw is fastened in both pans either side of the sheet laps (Figure 10.2).





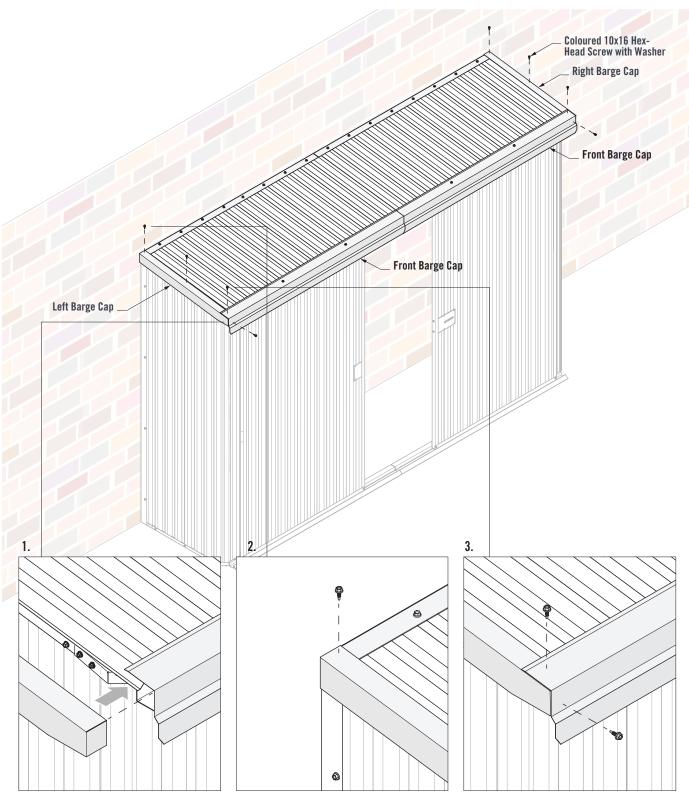
- 1. Fit the Front Barge Caps against the Gutter. Ensure a 10mm gap between the end of the Gutter and end of the Front Barge Cap (Figure 10.3).
- 2. Fasten two Coloured 10x16 Hex-Head Screws with Washers through both Front Barge Caps and into the Roof Sheets (Figure 10.3).



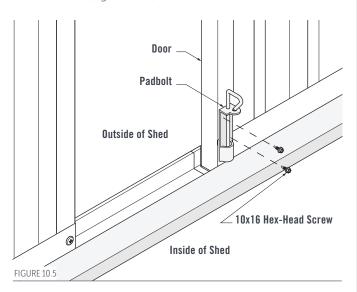


- 1. Place the Left Barge Cap over the Roof Sheet at the left of the shed. Ensuring the Left Barge Cap is against the Wall and Roof Mount Channel. Ensure the Left Barge Cap is positioned behind the Front Barge Cap (Figure 10.4).
- 2. Fasten a Coloured 10x16 Hex-Head Screw with Washer through the Left Barge Cap and into the Roof Mount Channel. Fasten a Coloured 10x16 Hex-Head Screw with Washer through the centre of the Left Barge Cap and into the Roof Sheet (Figure 10.4).
- 3. Fasten two Coloured 10x16 Hex-Head Screws with Washers through the Front Barge Cap and into the Left Barge Cap and Gutter (Figure 10.4).

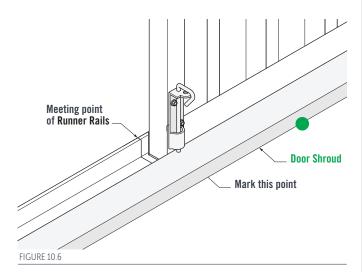
Fasten the Right Barge Cap in the same manner.



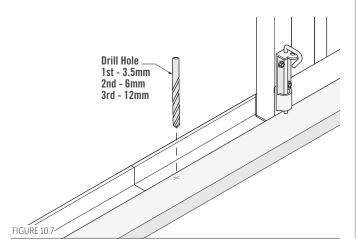
On the inside of the shed, align the Padbolt along the Door edge. Fasten the Padbolt to the Door with two 10x16 Hex-Head Screws (Figure 10.5).



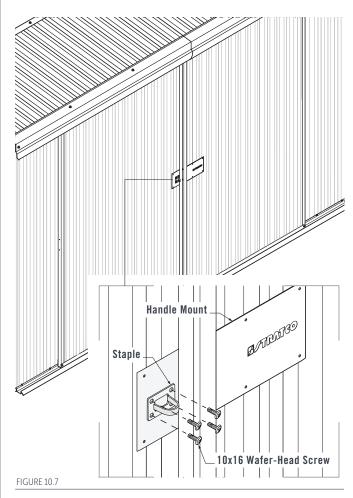
Align the Door edge with the meeting point of the Runner Rails (middle point of the shed). Mark the point where the Padbolt shaft touches the Door Shroud (Figure 10.6).



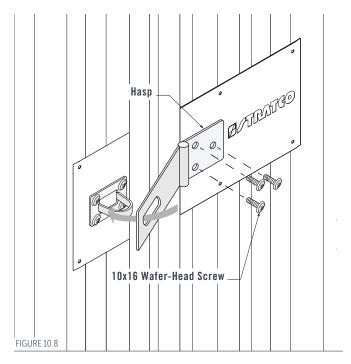
Drill a 3.5mm pilot hole through the Door Shroud and Runner Rail at the point marked in Figure 6.14. Then drill incrementally larger 6mm and 12mm holes (Figure 10.7).



Position the Staple against the Handle Mount. Fix in place with four 10x16 Wafer-Head Screws (Figure 10.7).

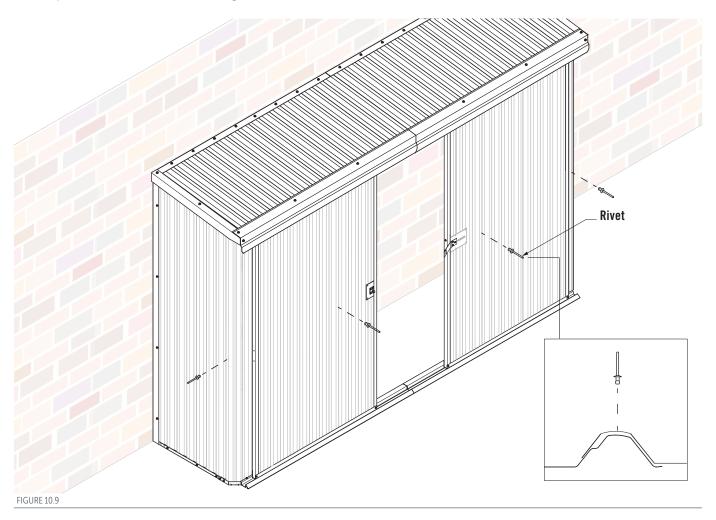


Locate the correct position of the Hasp by fitting the Hasp slot over the Staple. Position the Hasp against the Handle Mount. Fix the Hasp to the Handle Mount with three 10x16 Wafer-Head Screws (Figure 10.8).



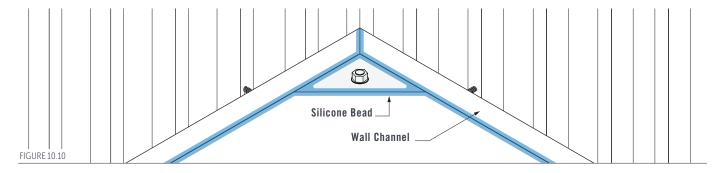


A coloured Rivet should be installed at sheet laps in the wall corner and door. Drill a 3.5mm hole through the centre of each sheet lap and install a coloured Rivet (Figure 10.9).



Water-Proofing the Floor (Optional)

Water may enter the Shed between the bottom Wall Channels and Floor. Water ingress can be mitigated by applying silicone to the gaps along the Floor. From the inside of the Shed, apply a bead of silicone along the entire perimeter of the Shed, including along the Corner Brackets and Wall Channel ends. Do not apply silicone to the outside of the Shed as this will not allow water to flow out and away from the Shed (Figure 10.10).



SHED MAINTENANCE

It is vital that all metal swarf and filings are removed from the shed as to prevent rust spots from forming. Your Stratco Handi-MateTM Shed will maintain its good looks for even longer with a simple wash and wipe down. Cleaning should be performed as often as is required to remove any dirt, salt and pollutants.

Stratco Handi-Mate™ Sheds are produced from the highest quality materials and will provide many years of service. Refer to the 'Selection Use and Maintenance' brochure for more information on how to get the best out of your product.



COMPONENT INDEX

PROFILE	DESCRIPTION	PRODUCT CODE
	Runner Rail	HMRRBO
	Sliding Rail	PM-12609-GA
	Gutter	PM-12615-1805-GA
	Barge Cap - Left Hand Side	PM-12613-AZ
	Barge Cap - Right Hand Side	PM-12614-AZ
	Front Barge Cap	PM-12612-1820-AZ
	Roof Mount Channel	PM-12606-1800-AZ
F	Wall Mount Channel	PM-12607-AZ
~~~~~~	Roof Sheet	PM-12604-AZ
~~~~	Split Roof Sheet	PM-12605-AZ
~~~~	Split Door Sheet	SSPHMSD1900AZ
	Corner Wall Sheet	SSPHMWSCNR1950AZ
·	Side Wall Sheet (Left)	PM-12602-AZ
<i></i>	Side Wall Sheet (Right)	PM-12603-AZ
~~~~~	Wall Sheet	SSPHMWS1900AZ
	Hold Down Lug	HMHL
	Door Wheel	HMDW
9	Door Stop	HMSS
	Door Nut	HMNN6
	Masonry Anchor	MAA847
ŒŒ	Rivet	RIV4-3
	10x16mm Wafer-Head Screw	WTK1016
	10x22mm Wafer-Head Screw	WTK1022
	10x16mm Hex-Head Screw	TEKNNW1016
	Coloured 10x16mm Hex-Head Screw with Neo Washer	TEK1016##



	Door Jamb	НМДЈ
	Door Shroud	HMDSHDRBO
	Top Door Channel	HMDCTO
	Bottom Door Channel	НМДСВО
	Vertical Door Channel	HMDCVE
	Wall Channel	HMWC
L	Bottom Channel	HMRB
	Door Handle	НМТН
	Door Tongue	HMDT
	Door Latch	HMDL
. o.	Handle Mount	НМДМ
	Corner Bracket	НМСВ

