



SHEDS

# INSTALLATION GUIDE

## BEFORE YOU START

- It is important that you contact your local government authority to determine if building approval is required.
- Handi-Pod® Garden Sheds must be securely bolted to a permanent concrete base with sufficient masonry anchors securing all mounting locations as indicated in Figure 5.1 to prevent wind uplift. The installer is responsible for ensuring the slab or concrete pads are sufficient to support the shed and sustain wind loading. Do not directly anchor your shed to pavers. Two options for concrete bases are listed below:
  - Base Option 1 - Before building the shed pour a concrete base that is larger than the area of the shed 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 entering the shed.
  - Base 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 and embedded into a firm natural soil base. If installing a Flooring Kit using Base Option 2, additional concrete pads or pavers are required. Refer to the 'Handi-Pod Flooring Kit Installation Guide' for more information.
- Handi-Pod® Garden Sheds are suitable for wind classifications N1, N2 & N3. Handi-Pod® Garden Sheds are not suitable for N4 or Cyclonic wind classifications. Check with Stratco staff for the wind classification of the location the Handi-Pod® Garden Shed will be erected.
- Care must be taken when determining the location of the Handi-Pod® Garden Shed as to not place the shed in close contact with sources of pollution or environmental factors that could affect the life of the steel.
- It is essential to clear and level the site prior to assembling your Handi-Pod® Garden Shed.
- The Panels and Flashings are supplied with a protective plastic film on the coloured side. The plastic film must be removed prior to assembly.
- There are different types and colours of screws used. Ensure the correct type and colour screw is being used at each location.
- Do not traverse the roof of the Handi-Pod® Garden Shed.
- Use heavy gloves and safety glasses when handling steel and never attempt to install a shed in windy conditions.
- 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, **Panel (Short)** is marked with a **red ●** sticker.

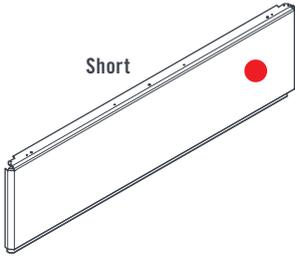
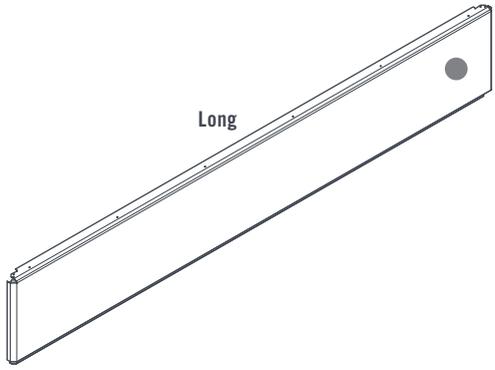
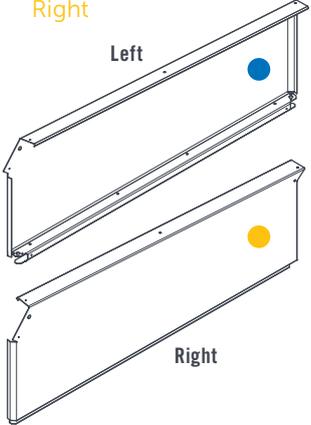
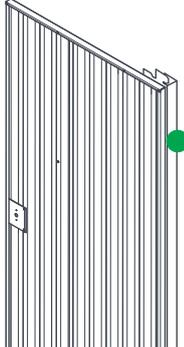
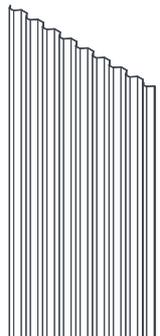
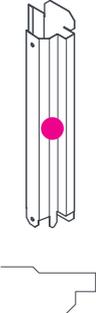
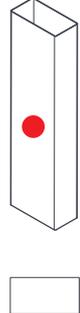
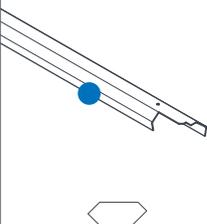
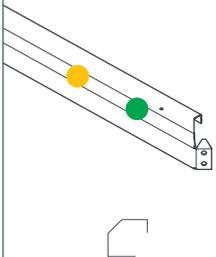
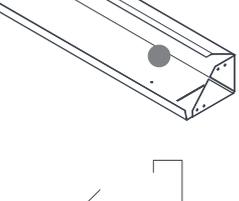
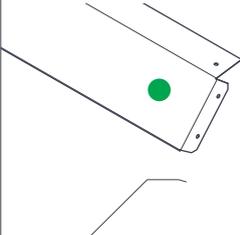
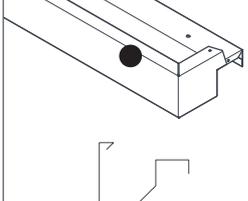
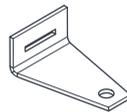
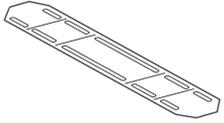
## TOOLS AND HARDWARE REQUIRED

- Rivet Gun
- Caulking Gun & Silicone
- Cordless Drill
- Hammer Drill (if Cordless Drill has no Hammer function)
- 5/16 Hex-head & PH2 Phillips-head Bit (Supplied in Kit)
- 10mm Masonry Drill Bit
- 3.5mm Drill Bit (Supplied in Kit)
- Ladder, Tape Measure

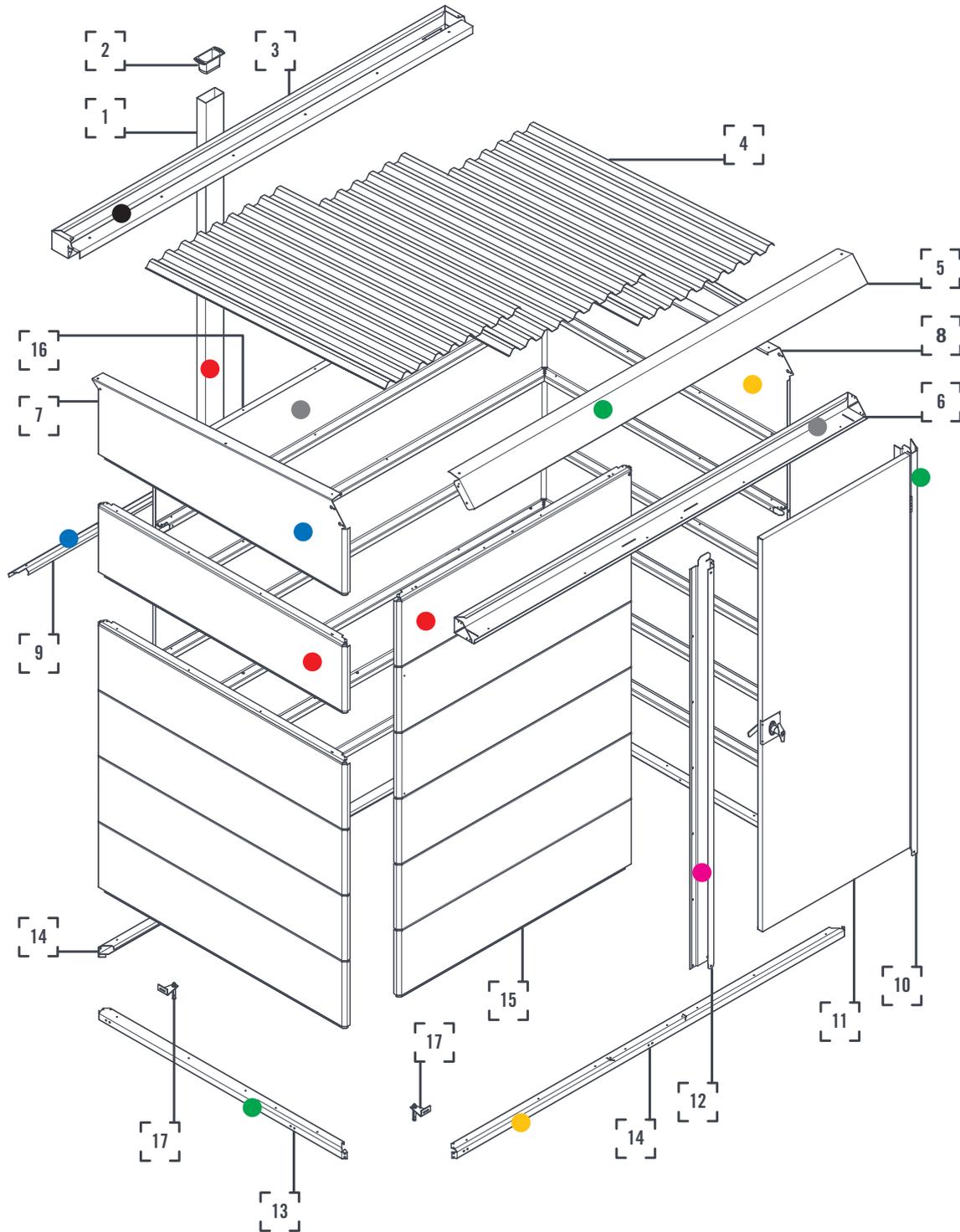
# HANDI-POD® GARDEN SHED HP1

HANDI-POD® GARDEN SHED INSTALLATION GUIDE

## COMPONENTS

|   |   |   |   |  |  |
|---|---|---|---|--|--|
| <p>Panel (Short)<br/>x16</p>  <p>Short</p>       | <p>Panel (Long)<br/>x6</p>  <p>Long</p>         | <p>Barge Panel:<br/>Left<br/>Right</p>  <p>Left</p> <p>Right</p> |   |  |  |
| <p>Door &amp; Door Jamb</p>                     | <p>Roof Sheet<br/>x3</p>                        | <p>Door Stop</p>    | <p>Downpipe</p>   | <p>Wall Brace</p>                              | <p>Bottom Channel:<br/>Long x2<br/>Short x2</p>  |
| <p>Sheetmetal Screw- Colour</p>                | <p>Sheetmetal Screw- White</p>                 | <p>Rivet</p>   | <p>Roof Flashing (Lower)</p>                           | <p>Roof Flashing (Upper)</p>                   | <p>Gutter</p>                                   |
| <p>Wafer-Head Self-Drilling Screw - White</p>  | <p>Wafer-Head Self-Drilling Screw - Plain</p>  | <p>Wafer-Head Self-Drilling Screw - 22mm - Plain</p>             | <p>Hex-Head Self-Drilling Screw + Washer - Colour</p>  | <p>Hex-Head Self-Drilling Screw - Colour</p>  | <p>M8 Masonry Anchor<br/>x6</p>                 |
| <p>Door Handle Tongue</p>                      | <p>Door Handle</p>                             | <p>Anchor Plate<br/>x6</p>                                       | <p>Downpipe Outlet</p>                                | <p>Downpipe Strap</p>                         |  |

## COMPONENT DIAGRAM



- |    |                       |     |                        |
|----|-----------------------|-----|------------------------|
| 1. | DOWNPIPE              | 10. | DOOR JAMB              |
| 2. | DOWNPIPE OUTLET       | 11. | DOOR                   |
| 3. | GUTTER                | 12. | DOOR STOP              |
| 4. | ROOF SHEET            | 13. | BOTTOM CHANNEL (SHORT) |
| 5. | ROOF FLASHING (UPPER) | 14. | BOTTOM CHANNEL (LONG)  |
| 6. | ROOF FLASHING (LOWER) | 15. | WALL PANEL (SHORT)     |
| 7. | BARGE PANEL - LEFT    | 16. | WALL PANEL (LONG)      |
| 8. | BARGE PANEL - RIGHT   | 17. | ANCHOR PLATE           |
| 9. | WALL BRACE            |     |                        |

## BASE ASSEMBLY

The Panels and Flashings are supplied with a protective plastic film on the coloured side. The plastic film must be removed prior to assembly.

Lay out the Bottom Channels (Figure 1.0). Fasten the Bottom Channels (Short) to the Bottom Channels (Long) with two Plain Wafer-Head Self-Drilling Screws in each corner.

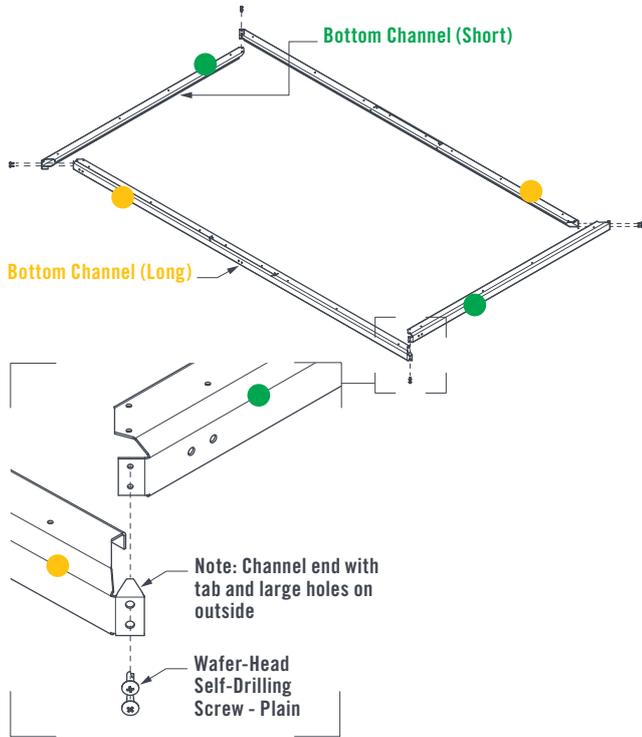


FIGURE 1.0

Fasten two Plain Wafer-head Self-Drilling Screws through the Bottom Channels and into each Anchor Plate. There are six Anchor Plates in total.

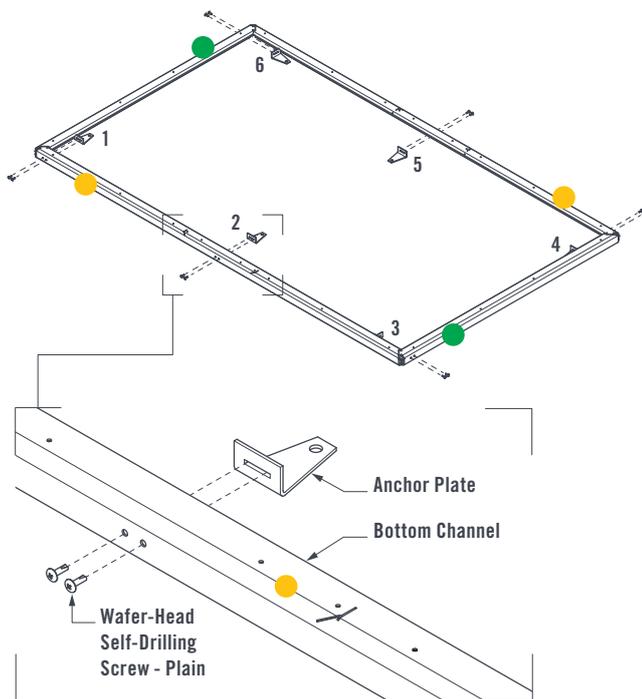


FIGURE 1.1

Fit a Panel (Short) to the front Bottom Channel (Long).

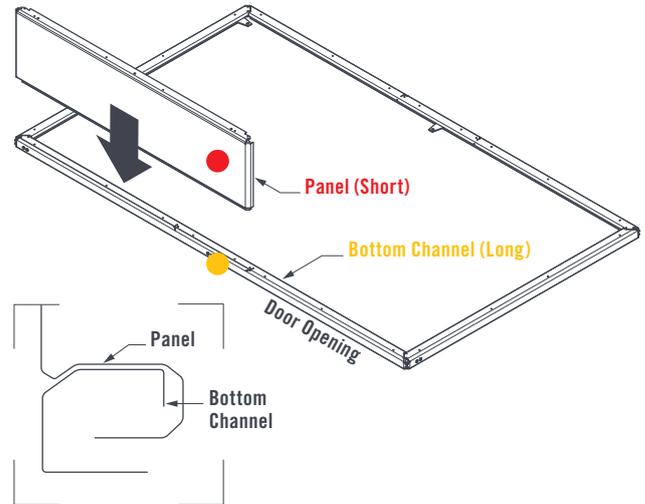


FIGURE 1.2

Fasten the Panel (Short) to the Bottom Channel (Long) with four white Wafer-Head Self-Drilling Screws.

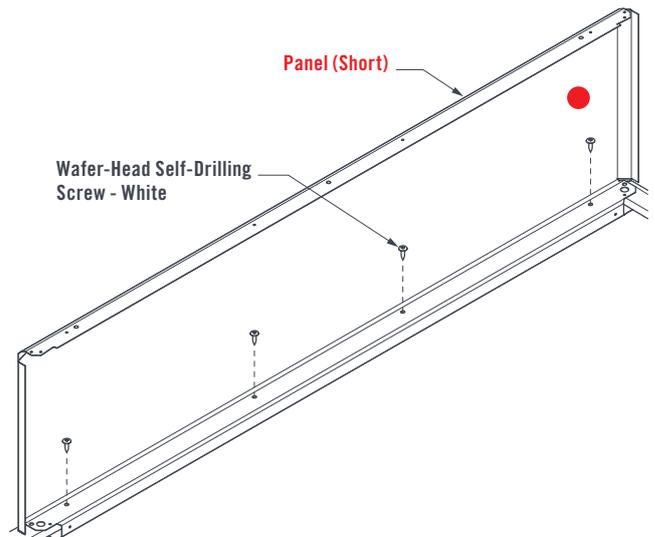


FIGURE 1.3

Fit a Panel (Short) to the left side Bottom Channel (Short). Install the Panel (Short) at an angle (Figure 1.4).

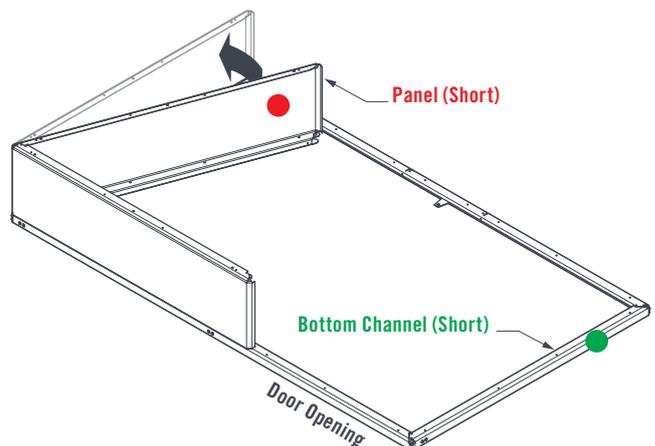


FIGURE 1.4

Ensure Panels lap together at corners in the correct manner. The Left Panel fits into the inside of the Front Panel. The Rear Panel fits into the inside of the Side Panels.

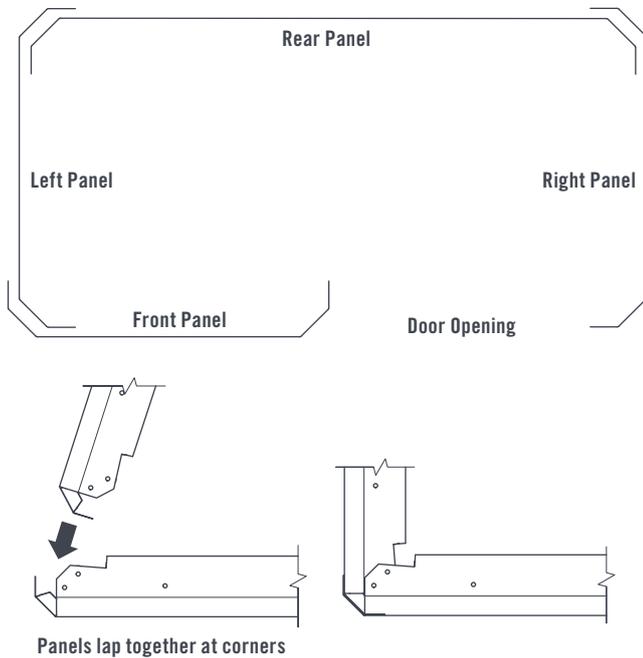


FIGURE 1.5

Fasten the **Panel (Short)** to the **Bottom Channel (Short)** with six white Wafer-Head Self-Drilling Screws.

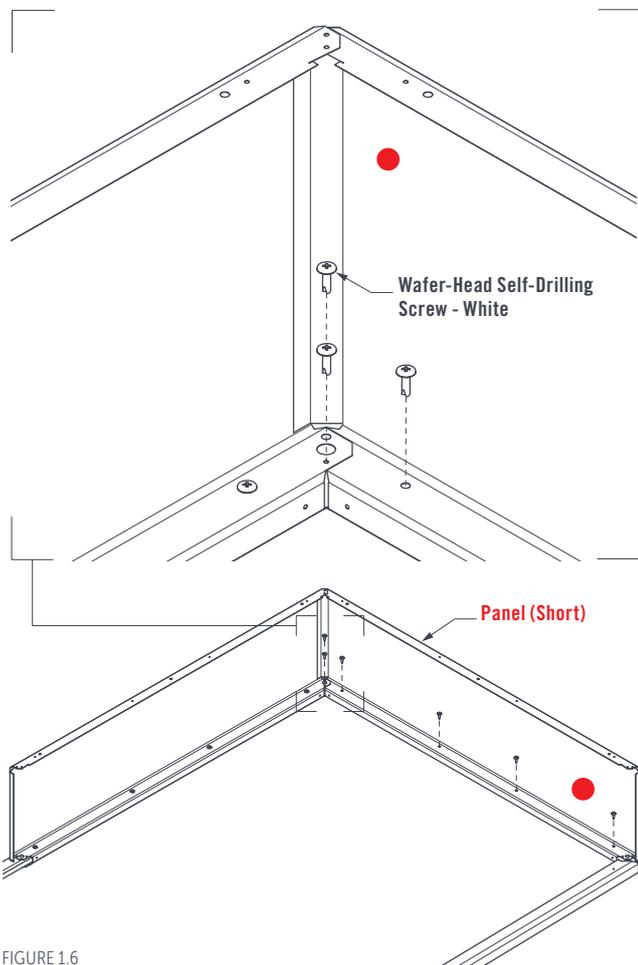


FIGURE 1.6

Fit a **Panel (Short)** to the right side **Bottom Channel (Short)**. Install the panel at an angle (Figure 1.7).

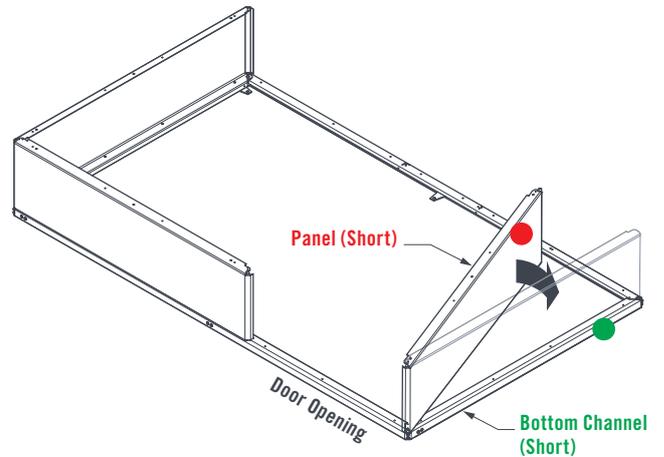


FIGURE 1.7

Fasten the **Panel (Short)** to the **Bottom Channel (Short)** with four white Wafer-Head Self-Drilling Screws.

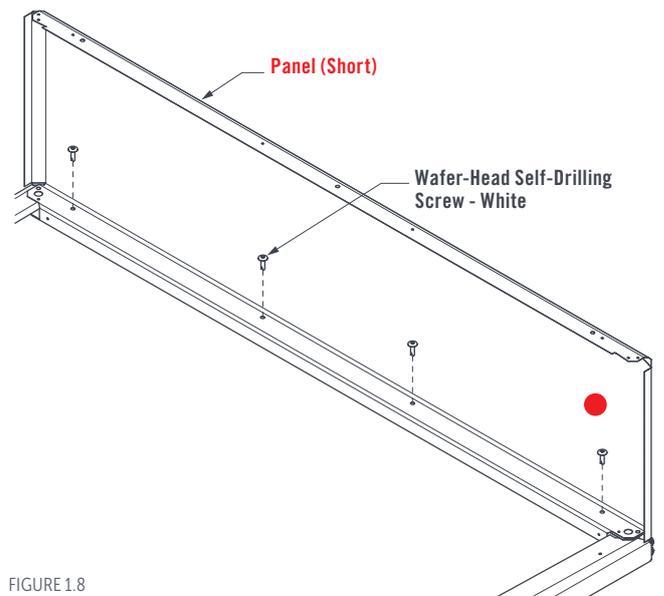


FIGURE 1.8

Fit a **Panel (Long)** to the rear **Bottom Channel (Long)**. Install the **Panel (Long)** at an angle (Figure 1.9).

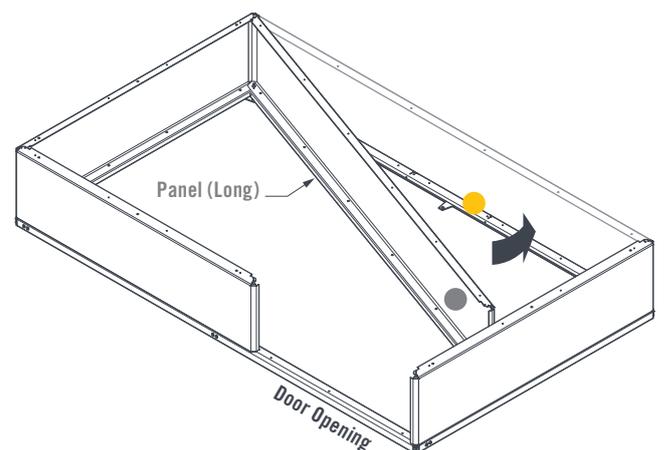


FIGURE 1.9

Fasten the Panel (Long) to the Bottom Channel (Long) with ten White Wafer-Head Self-Drilling Screws.

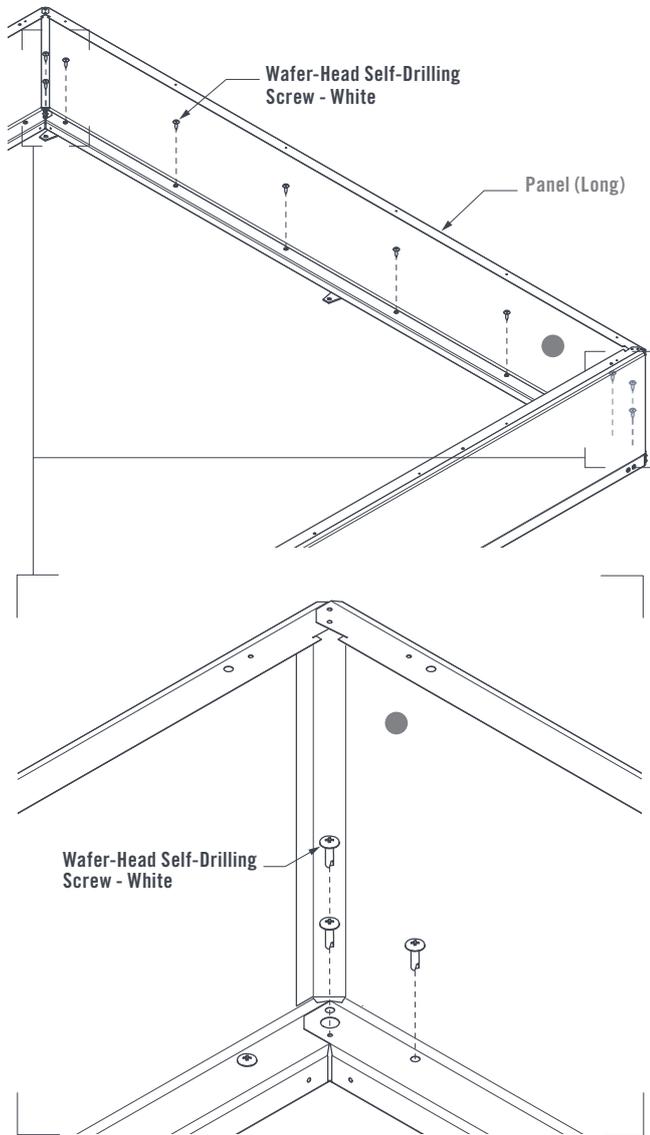
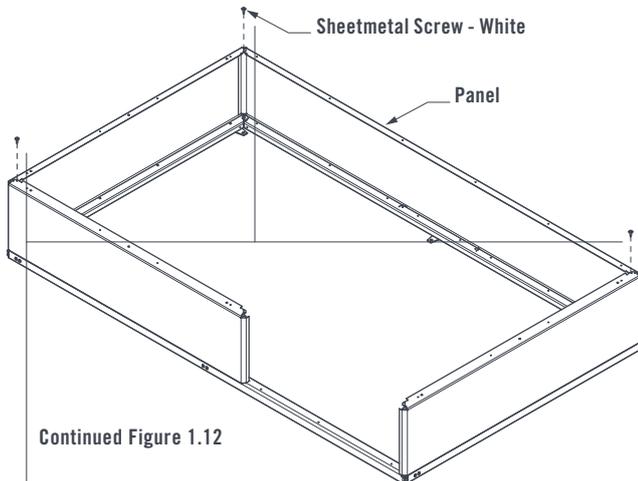


FIGURE 1.10

Fasten one white Sheetmetal Screw through the top corner of each Panel overlap.



Continued Figure 1.12

FIGURE 1.11

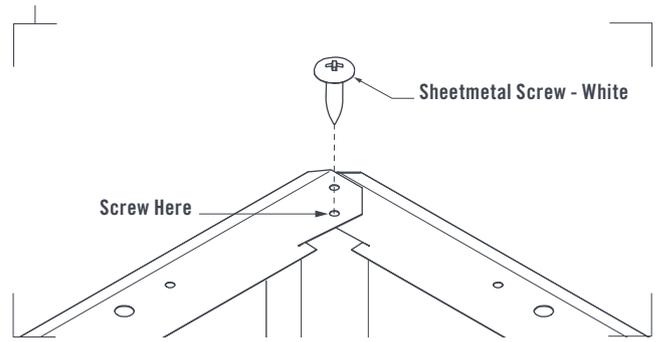


FIGURE 1.12

Check the walls are square by measuring the distance from corner-to-corner (dashed lines, Figure 1.13). The diagonal measurements should be equal for the walls to be square.

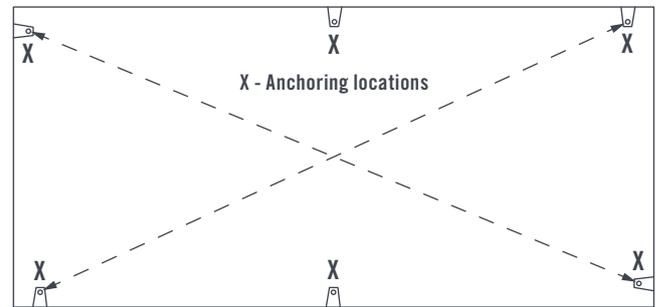


FIGURE 1.13

## DOOR INSTALLATION

Fit the Door Stop over the front Panel (Short). The Door Stop tab fits into the slot in the Bottom Channel (Long).

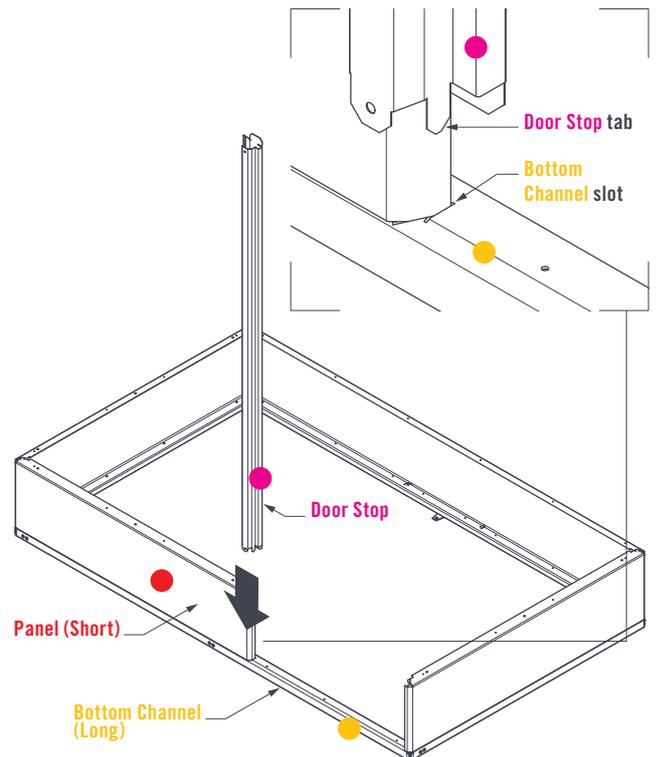


FIGURE 2.0

Fasten the **Door Stop** to the **Bottom Channel (Long)** using two coloured Hex-Head Self-Drilling Screws.

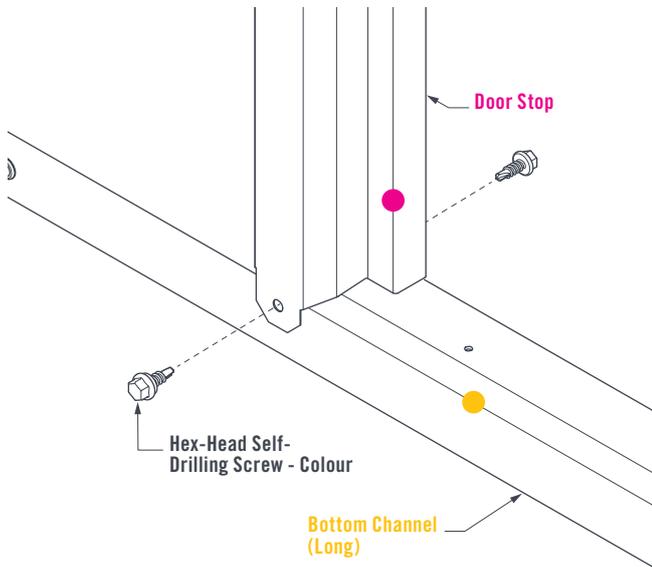


FIGURE 2.1

Fit the **Door Jamb** over the right side **Panel (Short)**. Fasten the **Door Jamb** to the Bottom Channels using two coloured Hex-Head Self-Drilling Screws.

Note: Use a piece of packaging material to keep the door supported in the open position.

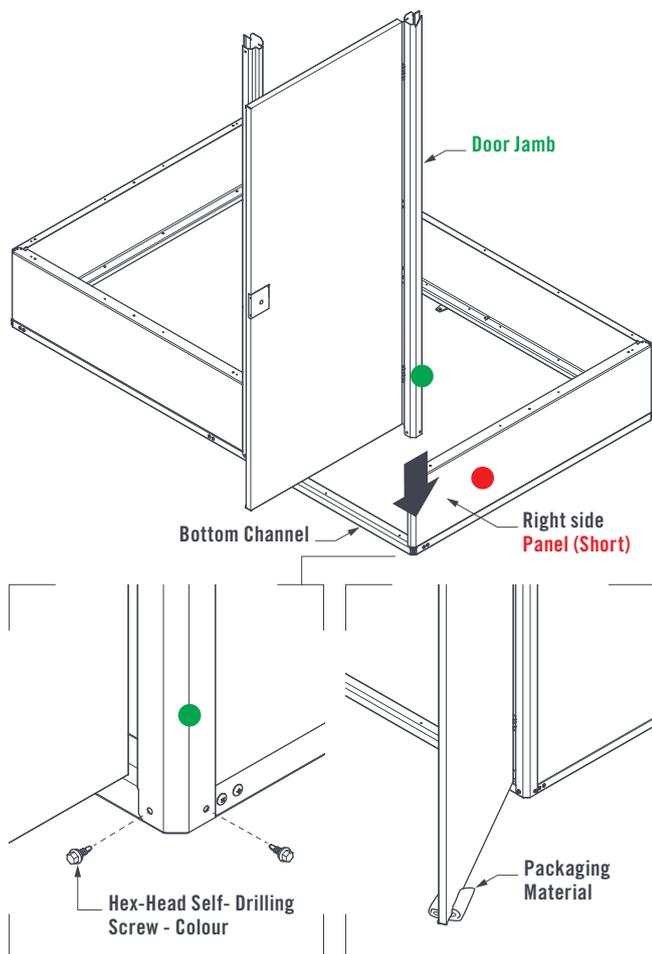


FIGURE 2.2

Fasten one coloured Sheetmetal Screw through the **Door Jamb** and **Door Stop** and into the **Panels (Short)** from the inside of the shed.

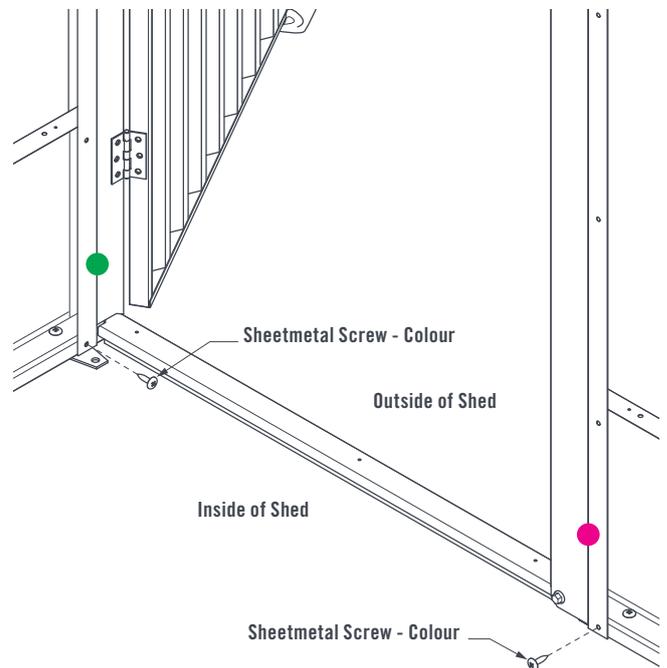


FIGURE 2.3

### WALL ASSEMBLY

Replicate steps 1.2 to 1.12 and 2.3 to build up the next three layers of Panels. Panels lap together as below (Figure 3.0). Ensure Panels are assembled in the order of Front, Left, Right then Rear.

Use white Sheetmetal Screws to fasten panels together.

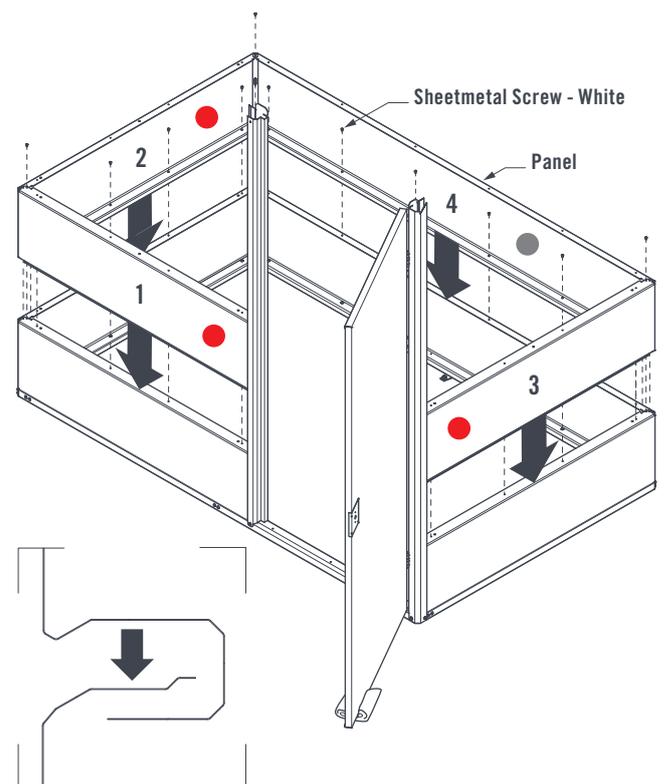


FIGURE 3.0

The **Wall Brace** is installed along the Panel (Long) lap between the 3rd and 4th Panel layer.  
 Fit the rear Panel (Long) in place. Fit the **Wall Brace** under the panel lap (Figure 3.1). Fasten through the Panels and into the **Wall Brace** with six white Sheetmetal Screws.

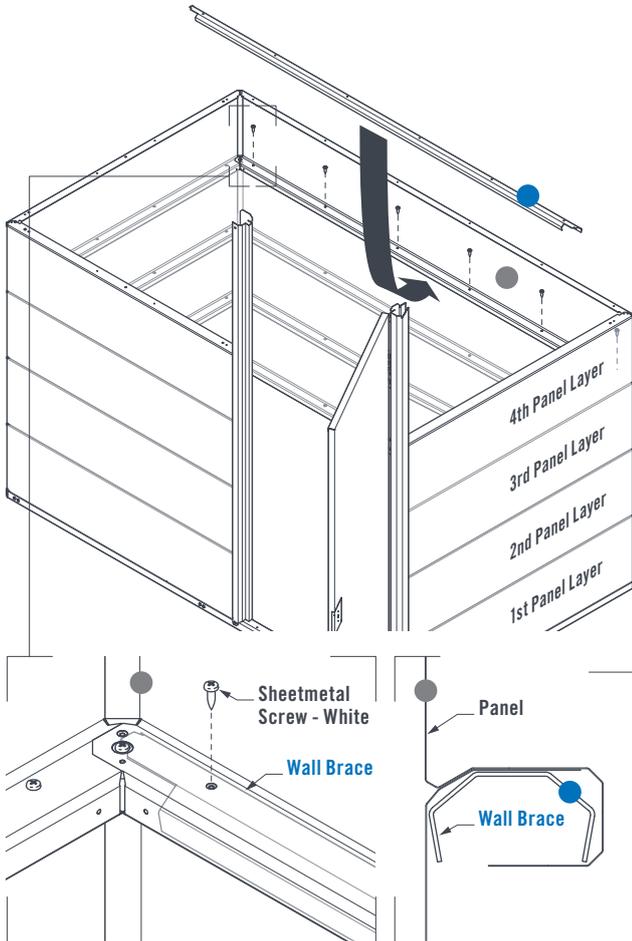


FIGURE 3.1

Assemble the remaining Panel layers.  
 Note: For the sixth Panel layer, fit a **Barge Panel (Left)** and **Barge Panel (Right)**.

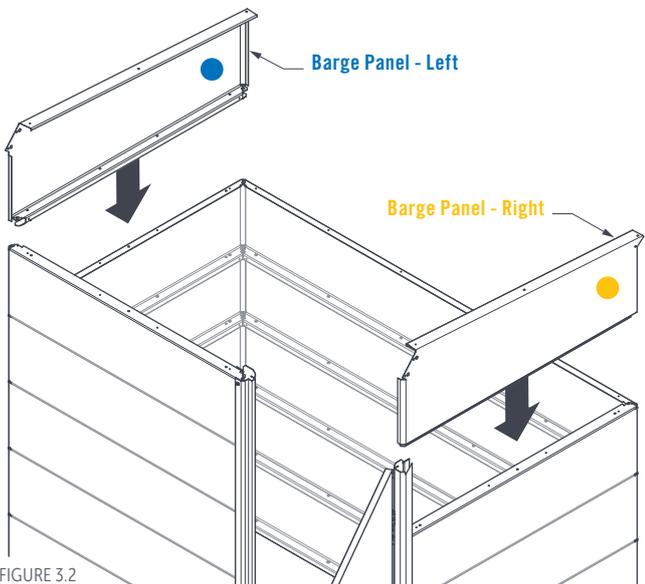


FIGURE 3.2

## ROOFING INSTALLATION

Fit the **Roof Flashing (Lower)** to the **Door Stop** and **Door Jamb**. The slots in the underside of the **Roof Flashing (Lower)** fit over the tabs of the **Door Stop** and **Door Jamb**.

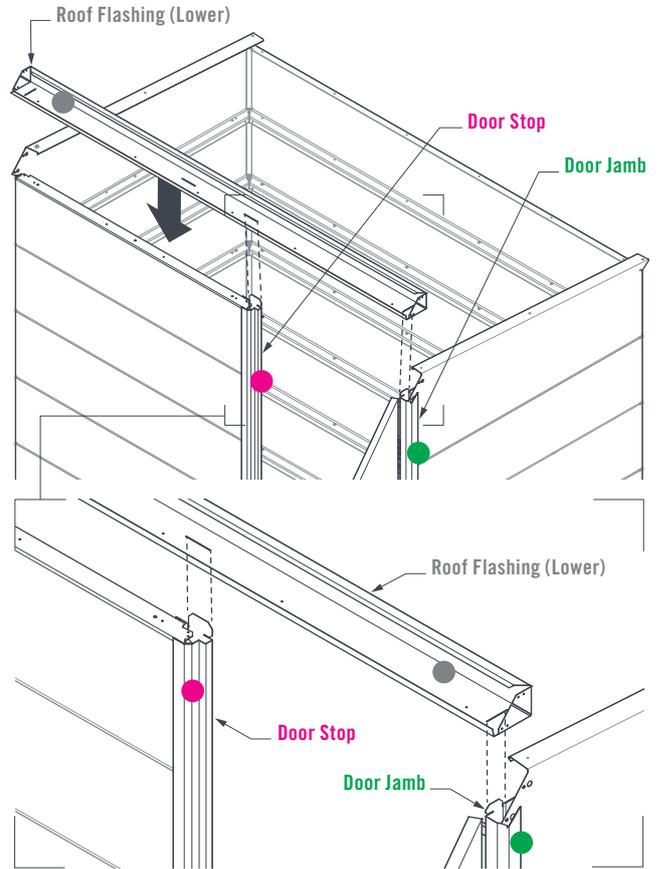


FIGURE 4.0

Fasten two coloured Sheetmetal Screws through the Barge Panels and into the **Roof Flashing (Lower)** at both ends.

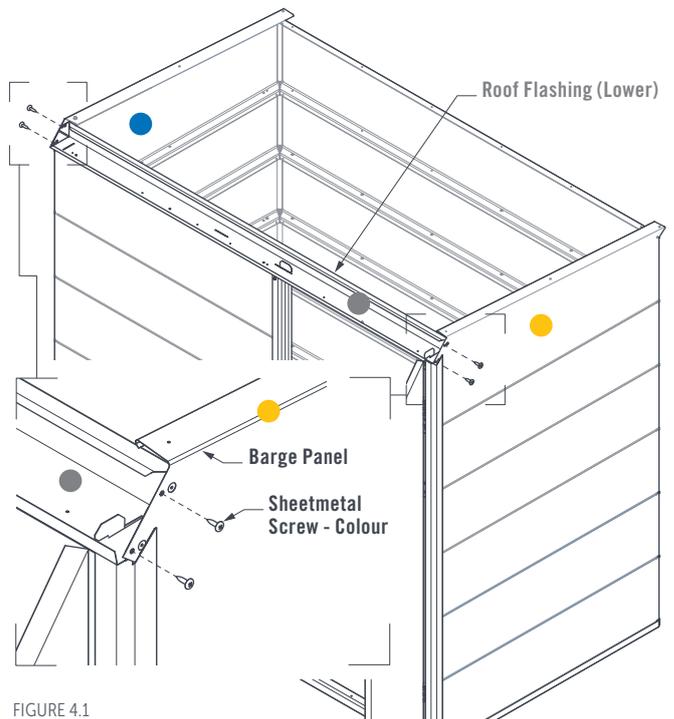


FIGURE 4.1

From inside of the shed, fasten three white Sheetmetal Screws through the front Panel (Short) and up into the Roof Flashing (Lower).

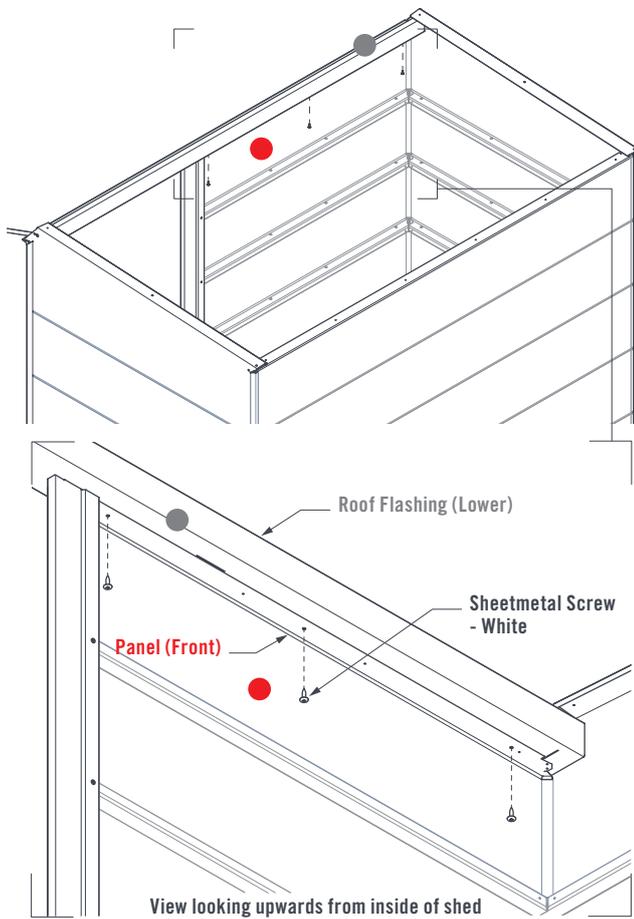


FIGURE 4.2

Apply silicone to the underside of the Downpipe Outlet. Fit the Downpipe Outlet into the Downpipe Opening in the Gutter. Rivet the Downpipe Outlet in place using four Rivets. Apply silicone to the inside gaps of both Gutter ends.

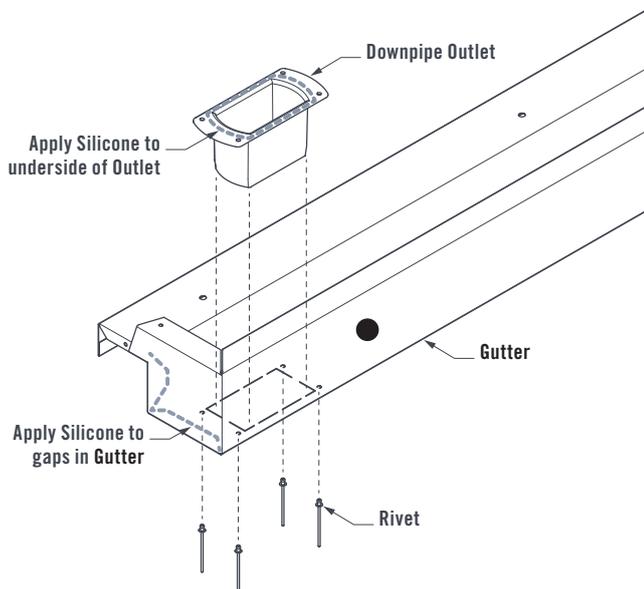


FIGURE 4.3

Fit the Gutter over the rear Panel (Long). Ensure the Gutter fits under the Barge Panels.

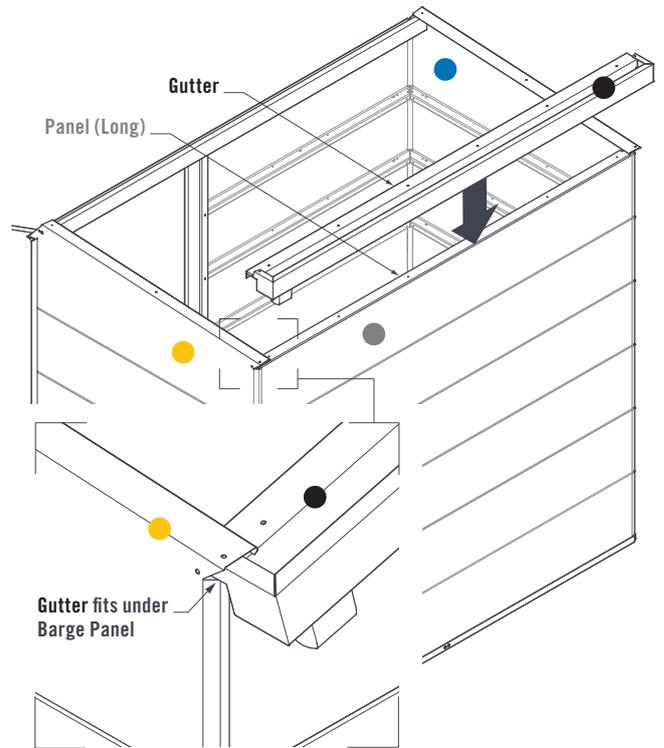


FIGURE 4.4

Fasten one coloured Sheetmetal Screw through the Barge Panel and into the Gutter at both ends.

Fasten six white Sheetmetal Screws through the Gutter and into the rear Panel.

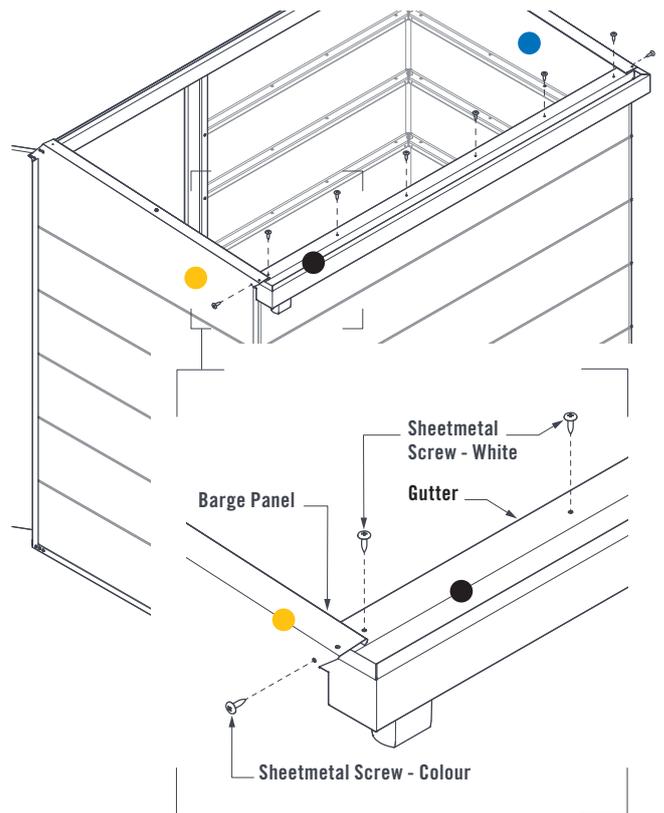


FIGURE 4.5

# HANDI-POD® GARDEN SHED INSTALLATION GUIDE

Position the Downpipe Strap against the Panel lap. Fasten the Downpipe Strap to the rear Panel (Long) using two coloured Hex-Head Self-Drilling Screws with Washers.

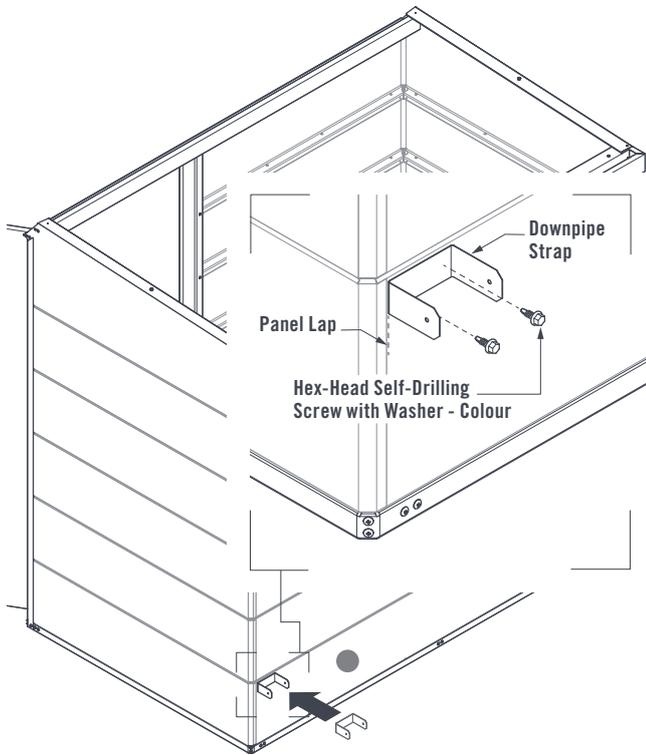


FIGURE 4.6

Fit the Downpipe over the Downpipe Outlet and hard against the underside of the Gutter. Fasten the Downpipe to the Downpipe Strap using two Coloured Hex-Head Self-Drilling Screws.

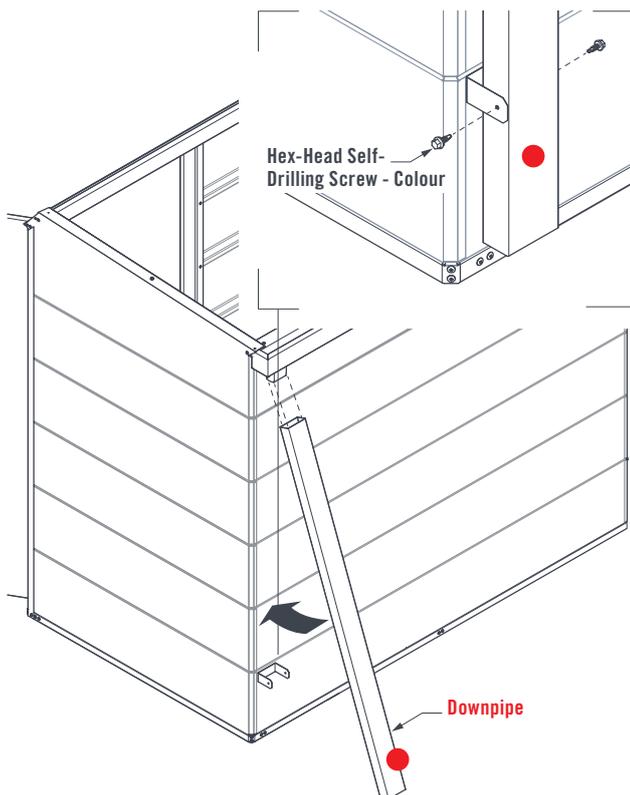


FIGURE 4.7

Drill two Ø3.5mm holes through the Downpipe and into the Downpipe Outlet. Rivet the Downpipe to the Downpipe Outlet with two coloured Rivets.

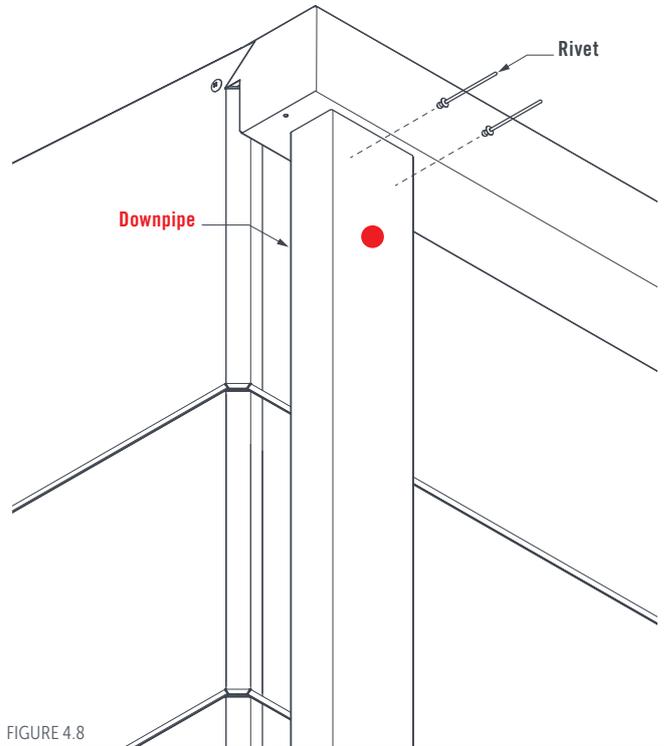


FIGURE 4.8

Fit the Roof Sheets onto the Roof Flashing (Lower) and Gutter. Ensure the Roof Sheets fit under the Barge Panels.

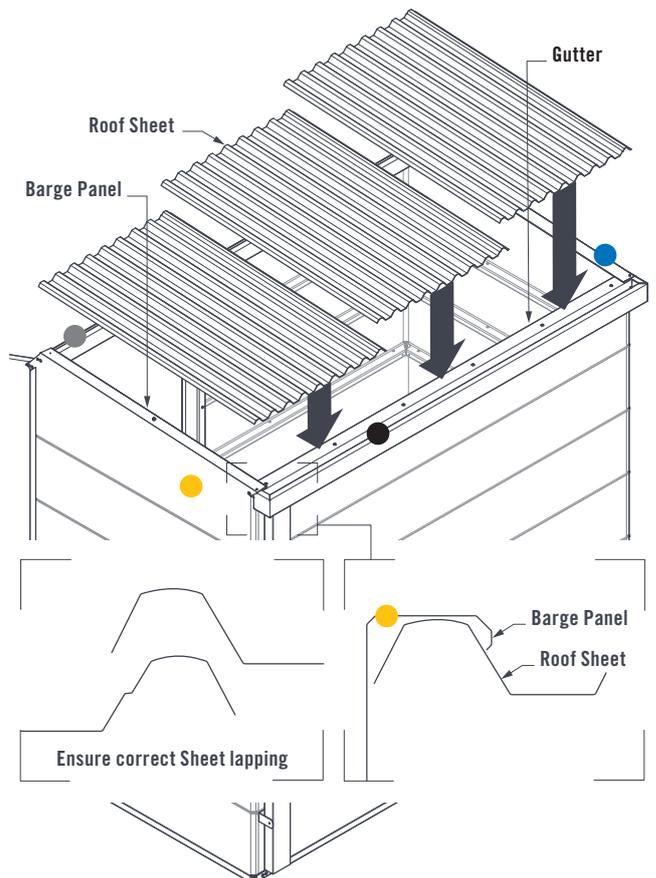


FIGURE 4.9

Ensure the ends of the Roof Sheets are in line with the Roof Flashing (Lower). Fasten coloured Hex-Head Self-Drilling Screws with Washers through every second Roof Sheet pan into the Roof Flashing (Lower) and Gutter.

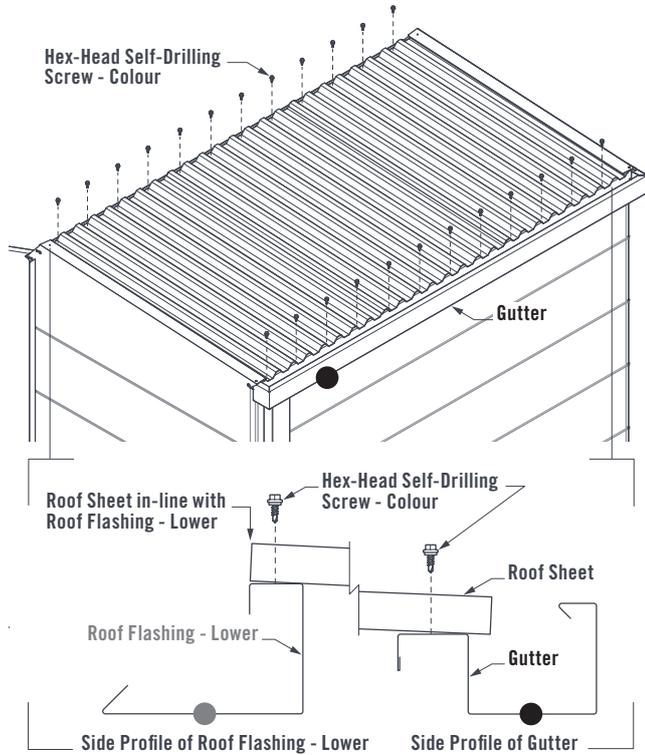


FIGURE 4.10

Fit the Roof Flashing (Upper) over the Roof Sheets and Roof Flashing (Lower). Fasten two coloured Sheetmetal Screws through the Roof Flashing (Upper) and into the Roof Flashing (Lower) at both ends.

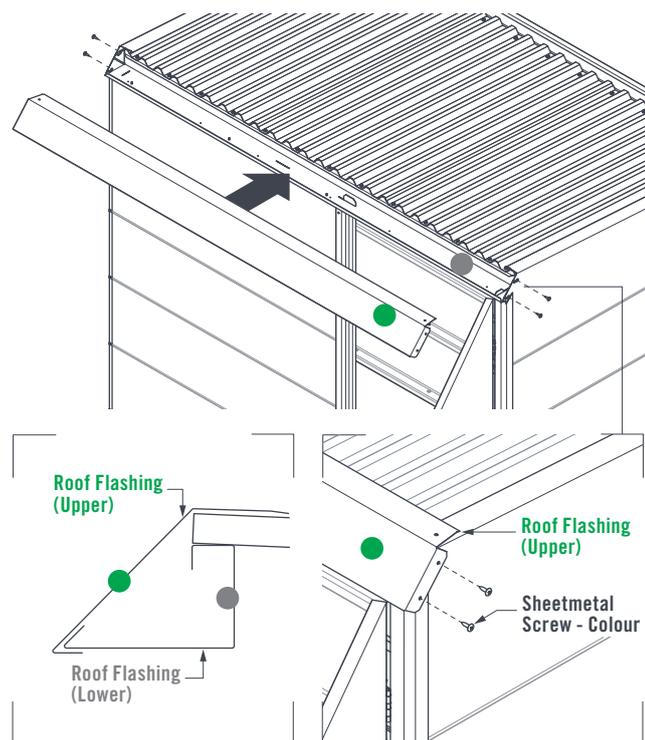


FIGURE 4.11

Fasten coloured Hex-Head Self-Drilling Screws with Washers through the top of the Barge Panels at all four corners and middle pilot holes. Fasten a coloured Hex-Head Self-Drilling Screw with Washer through the Door Stop and into the Panel (Short).

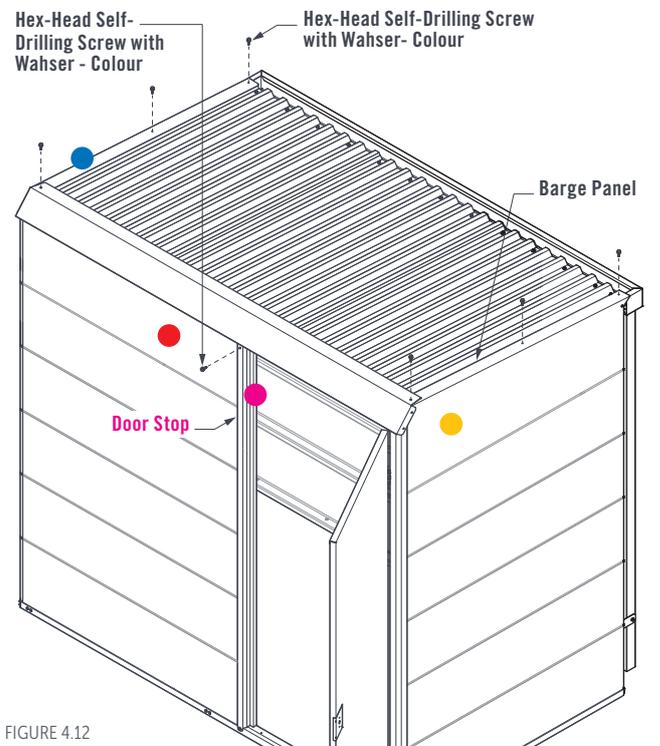


FIGURE 4.12

## FINAL ASSEMBLY

Fasten the Door Handle to the Handle Mount with two 22mm Wafer-Head Self-Drilling Screws.

Slide the Door Handle Tongue all the way up the Door Handle shaft, ensuring the Door Tongue is oriented perpendicular to the Handle.

Tighten the Door Tongue screw on the Door Handle shaft to secure the Door Tongue in place. Slide the Locking Washer all the way up the Door Handle shaft to secure.

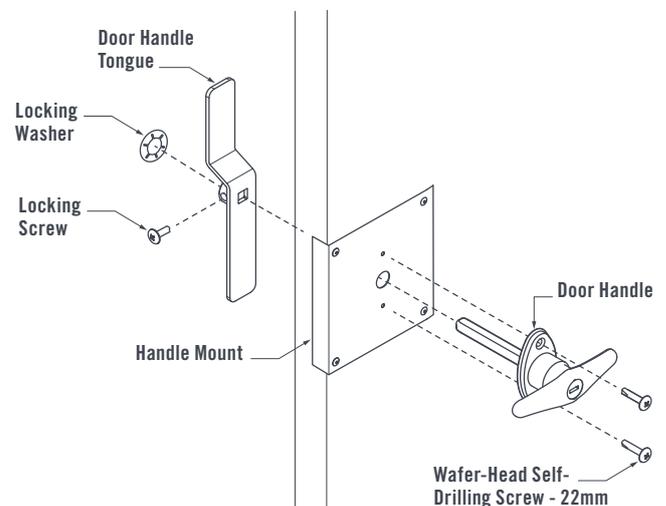


FIGURE 5.0



Move the Handi-Pod® Garden Shed into its final position. Check the walls are square by measuring the distance from corner-to-corner (dashed lines, Figure 5.1). The diagonal measurements should be equal for the walls to be square.

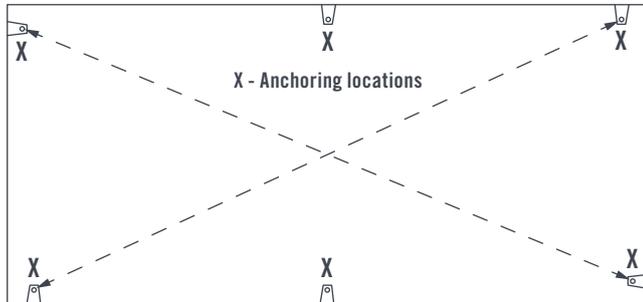


FIGURE 5.1

Refer to anchoring locations (Figure 5.1). Using the holes in the Anchor Plates as a guide, drill a hole into the concrete slab through all six Anchor Plates using a 10mm Masonry Drill Bit. Fix all six Anchor Brackets to the concrete slab using six M8x47 Masonry Anchors (Figure 5.2).

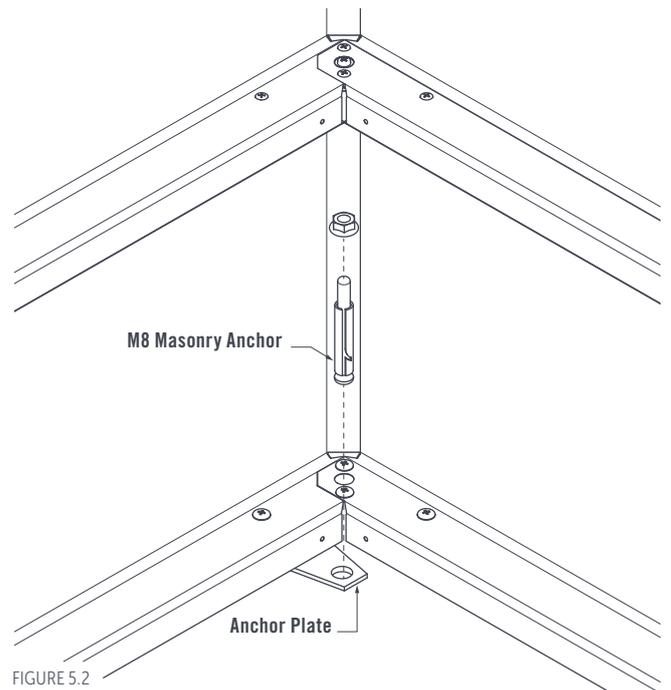


FIGURE 5.2

## MAINTENANCE

Regular maintenance is essential to maintain the good looks of the Handi-Pod® Garden Shed and to ensure you receive the maximum lifespan possible. Washing with clean water must be frequent enough to prevent the accumulation of dust, salts, and pollutants which may reduce the life of the product. No material that retains water (such as dirt or paving sand) should be placed against the Handi-Pod® Garden Shed. Refer to the 'Selection, Use and Maintenance' brochure on the Stratco.com website for more information.



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How To.

