

INSTALLATION GUIDE



Handi-Gable Shed



HANDI-GABLE SHEDS

Complement your home with the strong and attractive Handi-Gable Shed. Benefit from the added head space and practical form a gable roof provides. Supplied in panels, the Handi-Gable Shed is simple to build, making it the ideal do-it-yourself project.

Optional items such as gutters and downpipes, louvre windows, skylight sheets, masonry anchors and steel pegs are available upon request when ordering your Handi-Gable Shed.

BEFORE YOU START

Prior to installation, it is important that you contact your local government authority to determine if building approval is required.

To make sure that the installation of your Stratco Handi-Gable Shed proceeds smoothly you should confirm that all of the materials listed on the delivery documentation have been supplied. Carefully read this brochure to familiarise yourself with all the steps involved, and ensure that you have the correct tools and equipment for the job.

NOTE:

- Use heavy gloves when handling steel sheeting and flashings and never attempt to install a shed in windy conditions.
- Some components may vary between States.
- Sizes quoted are approximate outside of roof dimensions.

TOOLS REQUIRED

- Rivet Gun
- Vice Grips
- Step Ladder
- Tape Measure
- 5/16" Hex Head Adaptor
- Power Drill & 1/8" Drill Bit
- Permanent Marker
- Pliers
- Tin Snips
- Gloves
- Level and String Line
- Plumb Line
- Caulking Gun
- Silicone Sealant



SITE AND ASSEMBLY PREPARATION



Important Note

The shed must be securely bolted to a permanent concrete base with sufficient masonry anchors to prevent wind uplift. It is particularly important that masonry anchors are placed within 100mm of the shed corners and openings.

It is essential to clear and level the site prior to assembling your Stratco Handi-Gable Shed.

Before starting to build the shed, please refer to the cover of this brochure for a list of recommended tools. Depending on the optional extras selected, some items may not be required.

Please note that there are different colour screws and rivets. Ensure that the right colour screw/rivet is being used at each location.

Concrete Floor

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 that is outside the shed floor area slopes away from the shed to help prevent water from entering the shed.

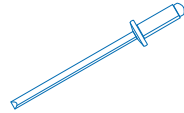
Option 2 – Substantial concrete squares may be used at each anchor location as an alternative to a complete concrete floor.

HANDI-GABLE SHED DIMENSIONS

Model	Width	Depth	Height
W2	2420mm	2370mm	1950mm
W3	3220mm	2370mm	1950mm
W4	3220mm	3170mm	1950mm


Table 1.0

PARTS DESCRIPTION



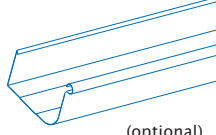
Rivets

- Wall Colour
- Barge Cap Colour
- Plain



Screws

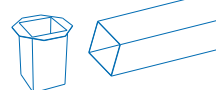
- Colour 12 x 45mm with Neoprene washer
- Colour 12 x 35mm with Neoprene washer
- Plain 12 x 20mm



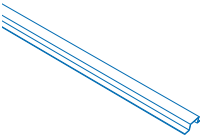
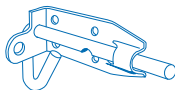
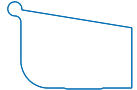

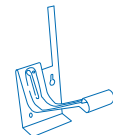
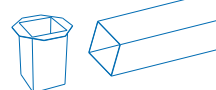
(optional)

Gutter + Rivets

- Gutter
- Gutter Colour Rivets
- Downpipe Colour Rivets



(optional)

		 (optional)	 (optional)	 (optional)	 (optional)
Door Brace	Pad Bolt and Door Latch	Gutter Stop Ends	Downpipe Strap	Gutter Bracket	Downpipe Outlet



WALL ASSEMBLY

Walls

Carefully lay all four panels on the ground in their correct positions. With the aid of another person, lift the back panel and one of the two adjacent side panels to the vertical position (Figure 1).

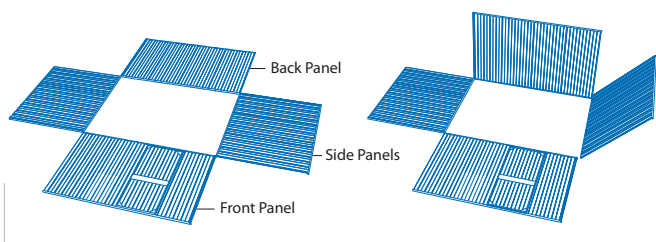


Figure 1

Ensure that the corners of the panels are lapped correctly. Drill four evenly spaced holes through both the overlaps (Figure 2) and secure with wall coloured rivets (Figure 3). Weatherproof all the rivets with silicone. Use the same method to attach the other side panel and then the front panel of the shed.

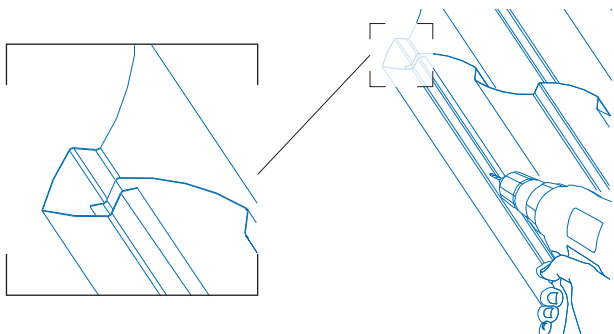


Figure 2

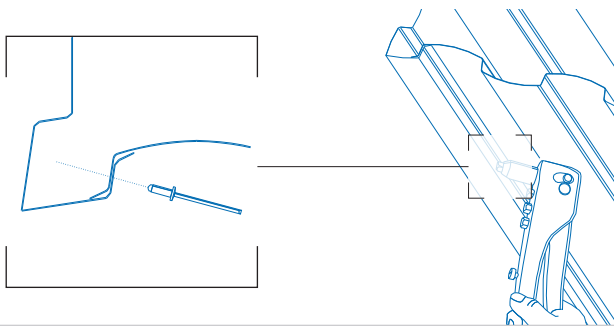


Figure 3

Corner Bracket

Make sure the shed is square by measuring the diagonals and ensuring that they are equal lengths (Figure 4). Once this is achieved, attach the corner brackets to the top and bottom panel rails at each corner using plain 12x20mm screws (Figure 5).

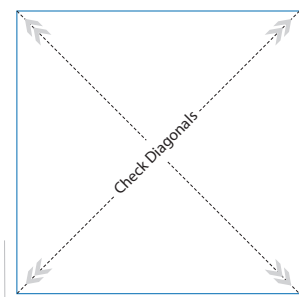


Figure 4

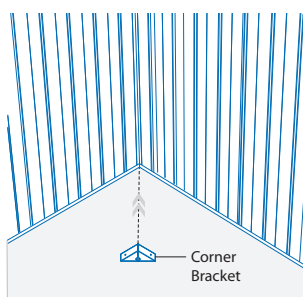


Figure 5

Ridge Bracket

Attach the ridge brackets to the end of the ridge beam. Use two plain 12x20mm screws on each side of the bracket (Figure 6) to form the 'ridge assembly'. The lip of the ridge brackets should be placed on the panel rails (Figure 6).

Measure and mark the centre of the shed, on the rails, so you can position the ridge assembly in the centre (Figure 7). Fix the ridge brackets to the panel rail with two plain 12x20mm screws on the side and one through the top of the bracket (Figure 6).

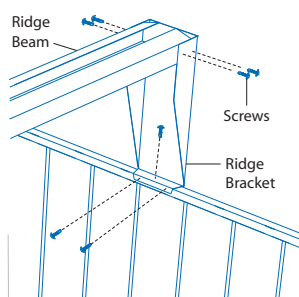


Figure 6

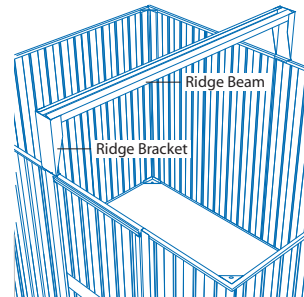


Figure 7

Gable End

One gable end from the front of the shed and one gable end from the back of the shed must have approximately 50mm cut off the lip at the peak of the gable end (Figure 8), to allow the adjacent gable end to overlap.

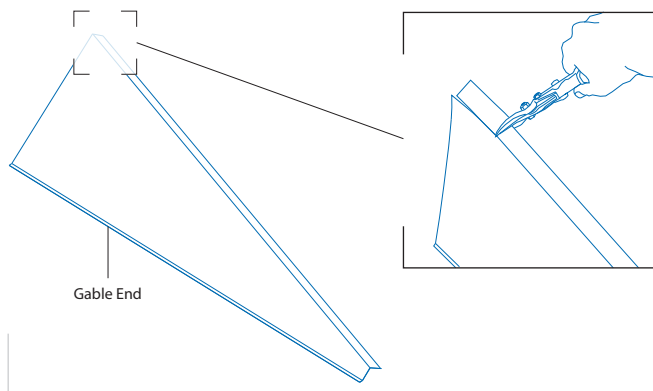


Figure 8

The top lip of the gable end should sit on the ridge beam as shown. The gable ends should overlap by around 10mm. Using two rivets, attach each gable end to the panel rail. Attach both overlapping gable ends to the ridge bracket using two blind rivets as shown in Figure 9.

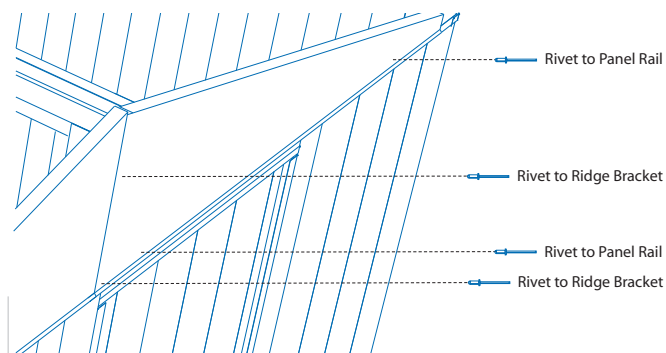


Figure 9

FIXING THE ROOF

Using 12x20mm plain screws, valley fix the CGI roof sheets to the ridge beam through every second valley. Using 12x35mm colour screws, crest fix the roof sheets to the panel rail through every second crest. Ensure that the roof sheets line up with the gable end (Figure 11).

NOTE: The roof sheets should finish at the gap in the ridge beam as shown (Figure 12).

To stop water entering the top of the shed, fold the valleys up on the top end of the roof sheets using pliers.

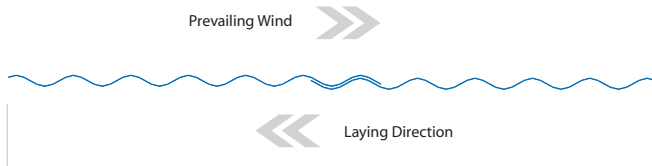


Figure 10

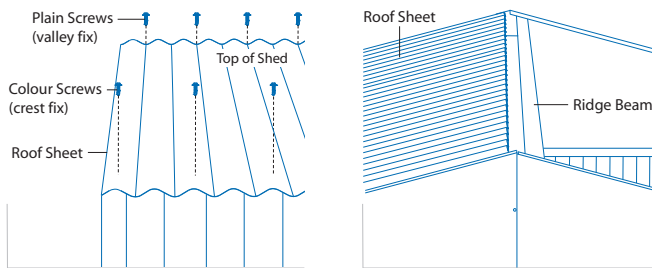


Figure 11

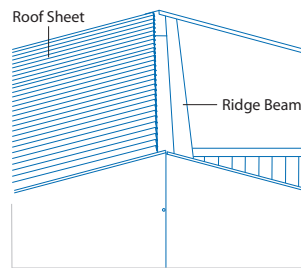


Figure 12

Barge Capping

Place the first barge capping along the roof (Figure 13). The bottom end of the barge capping should finish level with the bottom end of the roof sheets (Figure 14). At the gable end, place a plumb line from the top point of the shed and mark the barge cap along the line with a marker (Figure 13). Cut the barge capping along this line as shown in Figure 15.

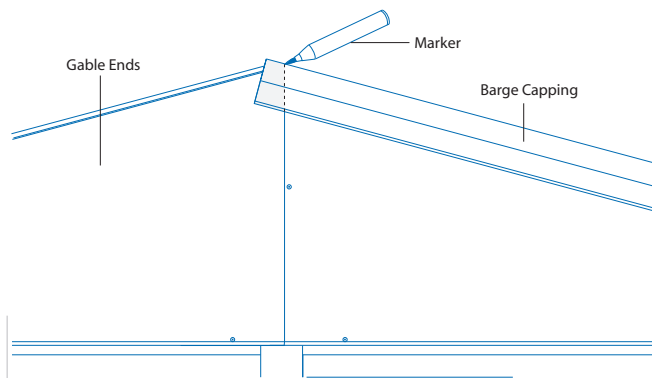


Figure 13

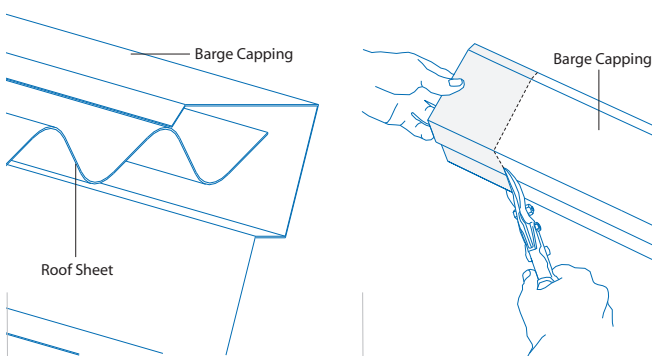


Figure 14

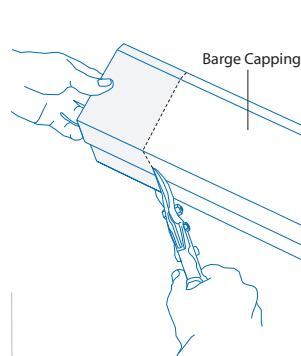


Figure 15

Attach each barge cap with two colour rivets to the gable end and with one 12x35mm roof colour screw to the roof (Figure 16). Overlap each barge cap by 2-3cm (Figure 17). Fold over the sharp end corners of each barge cap to improve safety (Figure 18).

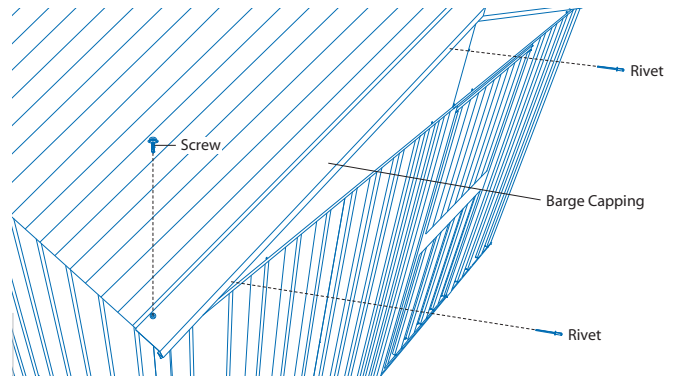


Figure 16

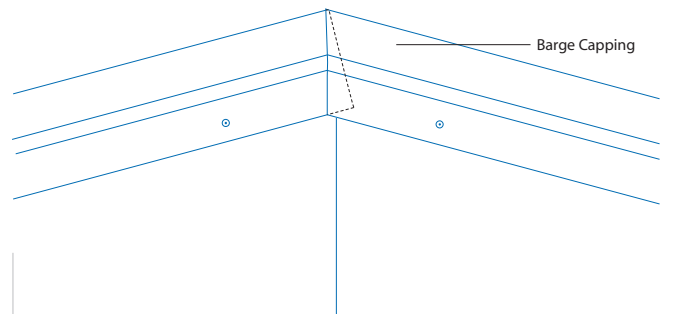


Figure 17

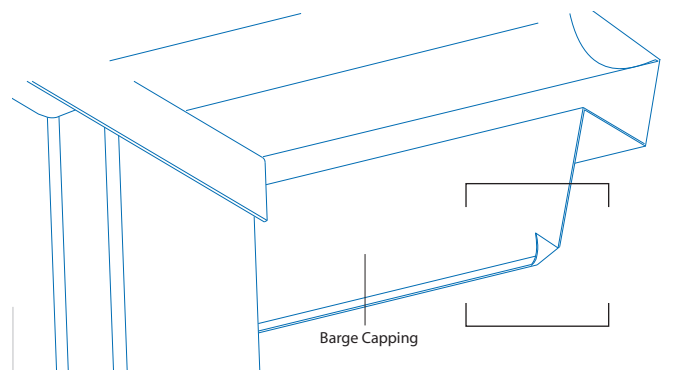


Figure 18

Ridge Capping

Attach the ridge cap to the crest of the roof using 12x45mm screws every 500mm centres (Figure 19). Screw through the ridge cap and crest of the roof sheet, into the ridge beam.

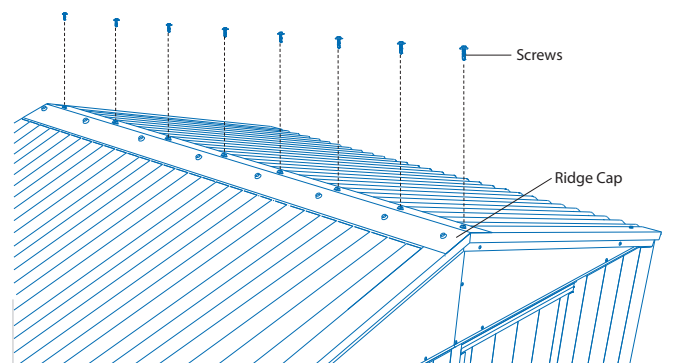


Figure 19

COMPLETING THE DOOR

Fixing Door Braces

Attach the door braces to the back of the door as shown below using six plain rivets for each brace (Figure 20).

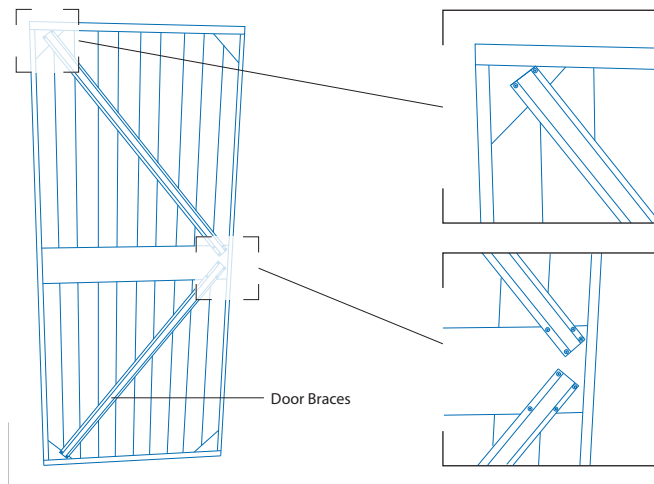


Figure 20

Door Latch

Fix the pad bolt to the door strap using four plain rivets. Fix the door latch to the door jamb using two plain rivets (Figure 21).

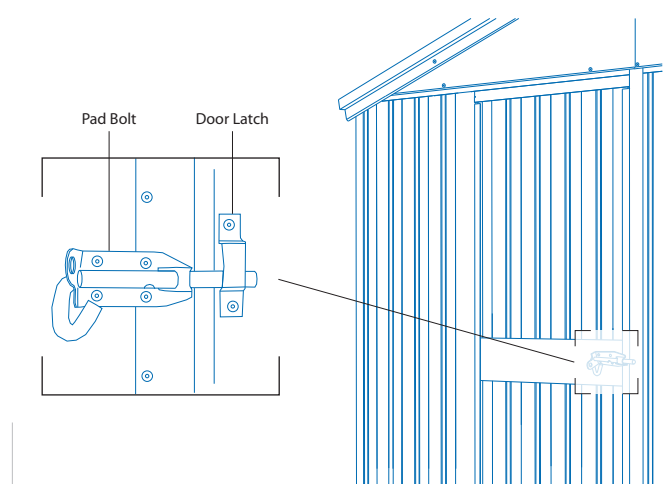


Figure 21

ATTACHING THE GUTTERS

Gutters are an optional item. Place one gutter bracket 150mm from the end of the shed. Position the bracket so that its top sits just below the panel rail and attach it to the shed using two rivets as shown in Figure 22.

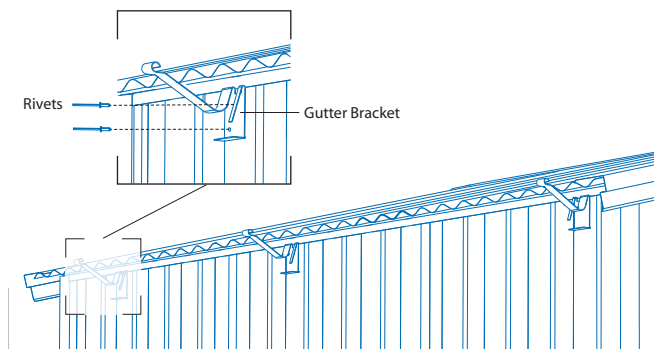


Figure 22

Attach the remaining brackets while ensuring that the gutter has the correct fall towards the downpipe (Minimum of 1:500). Check the level of the ground that supports the shed by using a string line or spirit level to ensure the calculations of the gutter angle are correct. Evenly space the brackets. The two end brackets should sit 150mm from the end of the gutter. The maximum spacing between the gutter brackets should be 1200mm.

The centre of the downpipe outlet should be about 225mm from the end of the gutter (Figure 23). The back of the downpipe should be as close to the back of the gutter as possible.

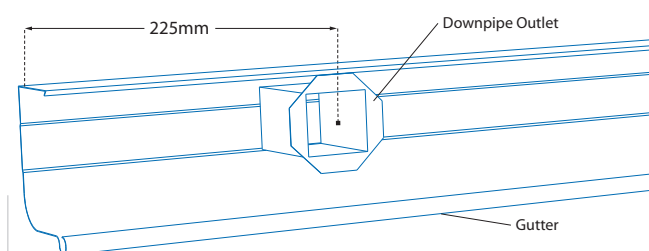


Figure 23

Trace around the downpipe outlet onto the gutter and cut out the appropriate sized hole to ensure the outlet fits snugly. Attach the downpipe outlet with gutter colour rivets (Figure 24).

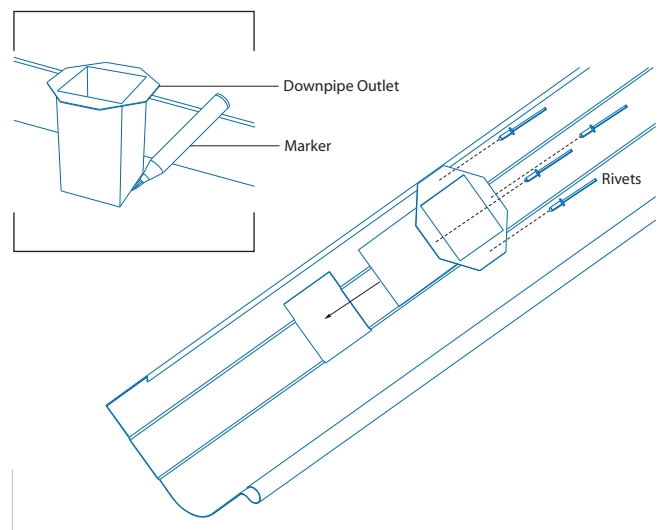


Figure 24

Attach the stop ends to the end of the gutter with gutter colour rivets (Figure 25). Seal around the edge of the downpipe outlet and stop ends with silicone sealant (Figure 26).

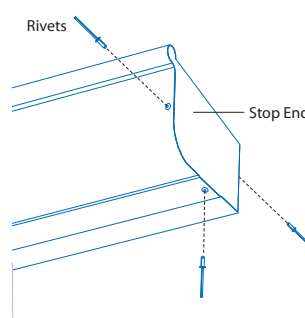


Figure 25

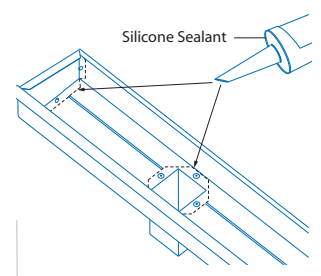


Figure 26

CONTACT
1300 165 165

DOWNPIPE INSTALLATION



Cut the downpipe to the required length, allowing room for any downpipe shoes or other optional fittings. Place the gutter onto the gutter brackets and attach the downpipe to the downpipe outlet with two rivets through both sides of the downpipe (Figure 27).

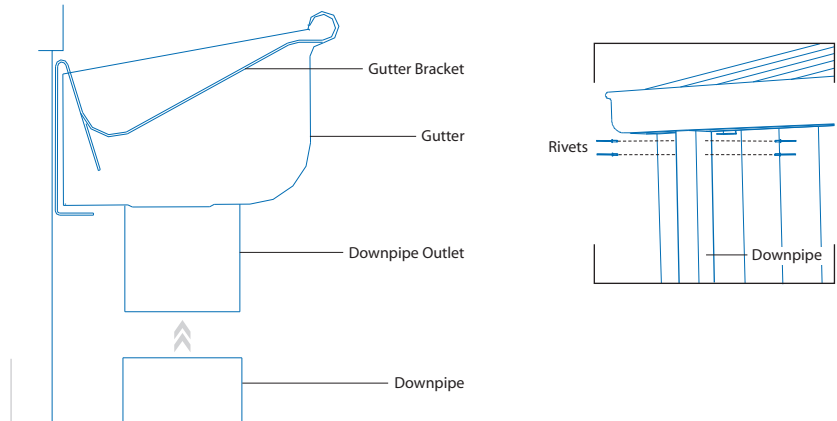


Figure 27

Place the downpipe strap as close to the ground as possible. Fix the strap using downpipe coloured rivets (Figure 28). Repeat on the other side of the shed.

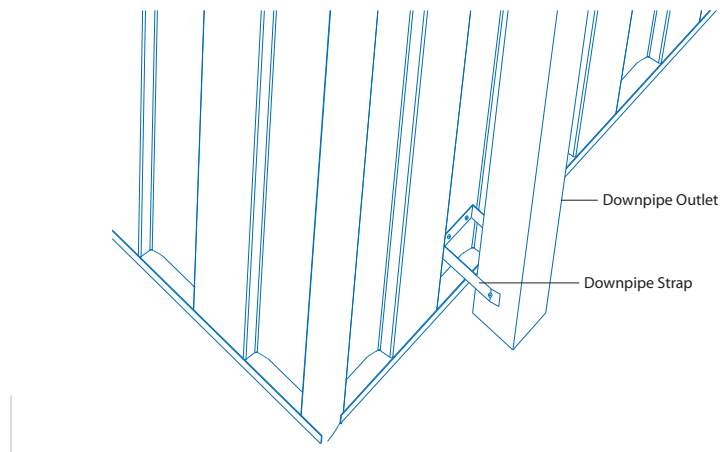


Figure 28

SECURE THE SHED

Securely fix the base of the shed to the concrete slab using masonry anchors through the corner brackets. Congratulations on successfully completing your Stratco Handi-Gable Shed.

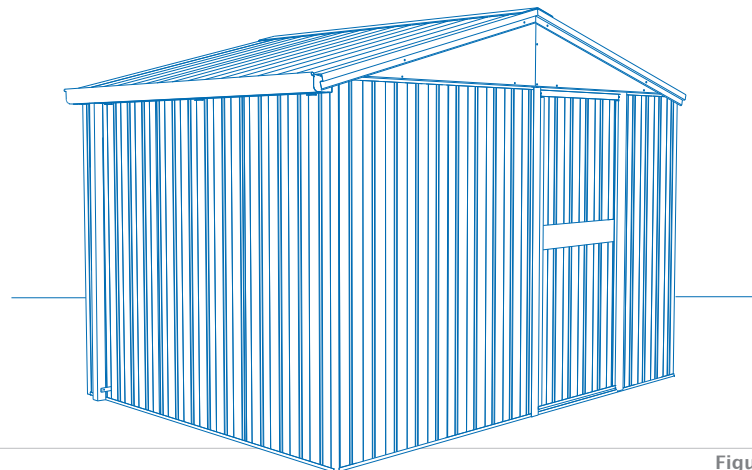


Figure 29