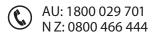
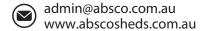
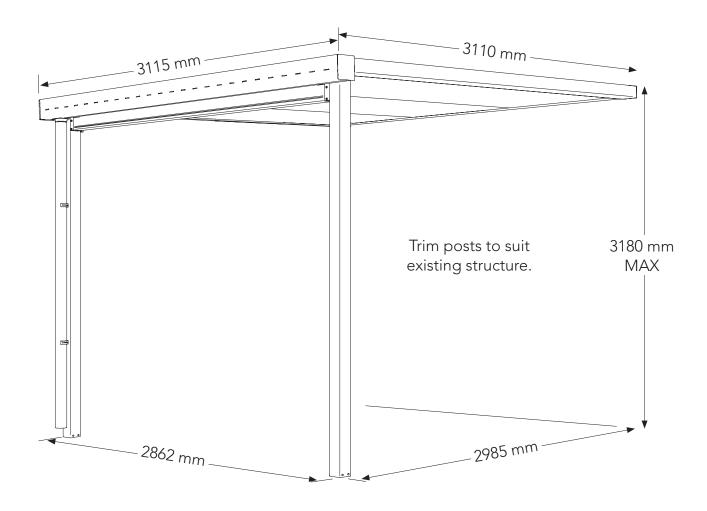


3.11m W x 3.11m D x up to 3.18m H







For construction in non-cyclonic areas

Wind rating: N3 as per AS4055-2021.

If you require a higher wind rating please contact us: admin@absco.com.au or 1800 029 701

NOTE 1 - A good building knowledge is required to complete this structure.

If you are not capable it is recommended you hire a professional.

NOTE 2 - The existing structure should be checked for its capacity to support and tie down this structure prior to construction by a suitably qualified engineer.

NOTE 3 - The existing structure is assumed to be stable in its own right and capable of carrying the loads imposed by this structure. This must be checked by a suitably qualified person prior to construction.

NOTE 4 - Concrete slab must be a minimum of 100mm thick, 20 MPa concrete reinforced with SL72 mesh and extend for the full area covered by the structure.



3.11m W x 3.11m D x up to 3.18m H

### IMPORTANT INFO - READ BEFORE CONSTRUCTION BEGINS

1. Awnings are typically attached to a fascia board (beneath the gutter), or to a wall.

The space required on the existing structure for receiver channel is 90 mm x 3060 mm

Max attachment height is 3090 mm - measured from foundation not begin, contact Absco. to underside of receiver channel

- This kit contains typical fasteners appropriately. for timber and steel fascia as well as brick walls.
- regarding "existing manual structure" is to be used as a guide 6. Region specific: If required, only, it is your responsibility that you have approval for the connection detail is compliant structure. If unsure, seek advice with applicable building codes.

in detail to gain a thorough edges. It is recommended to

of understanding assembly methods and associated details.

4. Unpack and carefully identify and check off all the parts against the parts described and illustrated on "Components List" page.

If you are missing anything do

The structure shall be 2. Fixing method is dependent erected on top of suitable on material type and location. foundations and anchored down

The site for the structure must be level. An uneven surface may 3. Information provided in this result in misalignment of parts.

- from relevant local authorities.
- Read through these instructions 7. Some parts may have sharp

wear gloves when handling items and safety glasses when drilling holes. Sensible shoes are highly recommended.

Minimum two people required to easily lift and align assemblies.

8. Consider the weather and do not build in windy conditions. If the structure must be left for a period of time uncompleted it must be made safe to prevent damage.

### TOOLS REQUIRED

Use as a guide, other tools/equipment may be suitable. Safely work within your ability.

- 4mm drill bit
- 5/16" & 3/8" nut setter
- 12mm masonry drill bit
- Chuck drill
- Impact drill driver
- Hammer drill
- 8m tape measure (2 required) •
- Caulking gun
- 16mm socket
- 1.8m ladder (2 required)
- Plumb bob
- Visegrips or clamps

- Pop riveter
- Stanley knife
- Masking tape
- Spirit level
- Angle grinder
- Marker
- Ruler
- Square
- String line
- 70mm hole saw
- Tin snips



Please wear recommended PPE for any tool used during construction

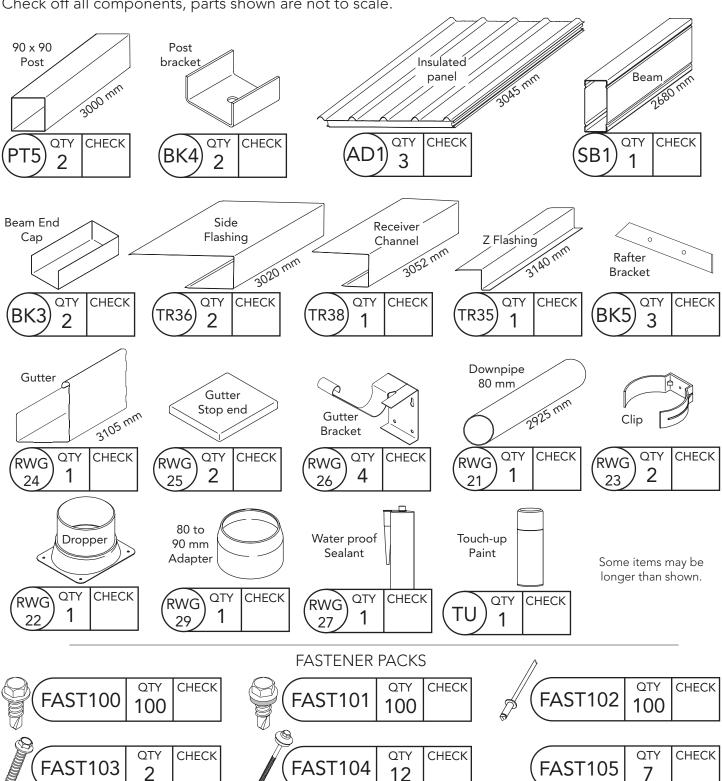
1.0



3.11m W x 3.11m D x up to 3.18m H

### **COMPONENT LIST**





FAST106

CHECK

QTY

5

Type 17 12 x 50mm

QTY

3

Hex Bolts M10 x 25mm

FAST107

CHECK

FAST108

Hex Bolts M10 x 75mm

14G 14 x 45 Tapcon

QTY

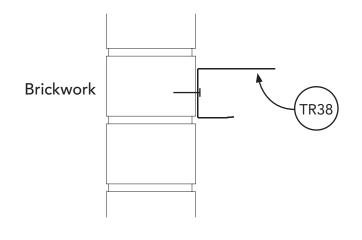
6

**CHECK** 



3.11m W x 3.11m D x up to 3.18m H

### RECEIVER CHANNEL

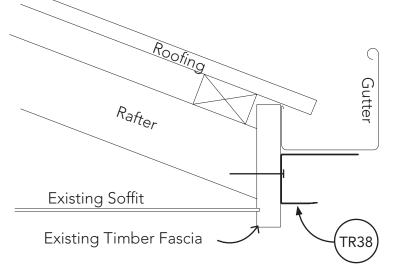


- **0.** Refer to points 1 to 3 on page 2 before beginning this step.
- **1.** Mount the receiver channel **TR38** to the existing structure using the correct fixing method below.

Make sure the receiver channel is oriented with the longer side to the top.

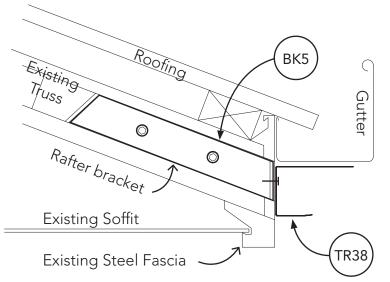
#### A. Brickwork

Fix 14 x 45mm Tapcon screw every 450mm (not suitable for structures with no eaves or two story with blueboard over brick). Ensure a minimum of 5 courses above the receiver channel.



#### B. Timber fascia

Fix the receiver channel TR38 every 600mm to the timber fascia with  $12 \times 50$  Type 17 timber screws.



#### C. Steel Fascia

NOTE: This will require roofing to be removed to access to rafter.

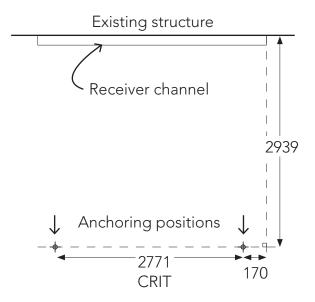
At every 900mm fit a supplied rafter bracket BK5 to existing rafter.

Fix this to receiver channel TR38 with a self drilling tek or bolt.



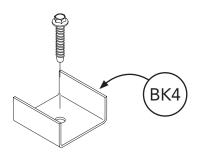
3.11m W x 3.11m D x up to 3.18m H

### **RECEIVER CHANNEL**



Mark out the anchoring position for the posts as shown.

### **ANCHORING**



Place the two post bracket BK4 centred over these marks.

Drill the hole for the anchor using the post baseplate as a template.

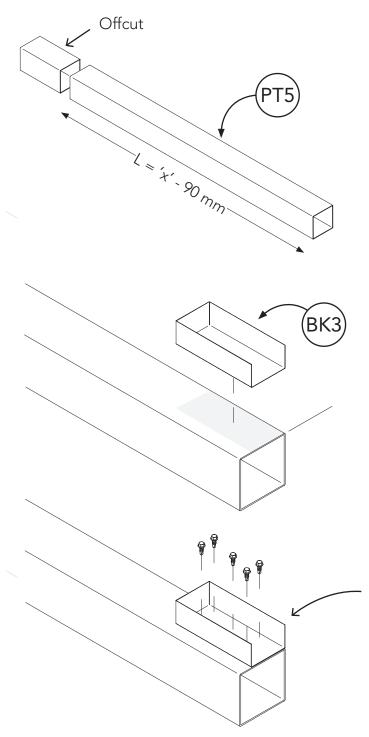
Use a hammer drill with a 12mm diameter masonry drill bit drill to a depth of 100mm

Fasten to foundations with a concrete screw FAST103 per bracket using a 16mm socket or spanner.



3.11m W x 3.11m D x up to 3.18m H

### **POSTS**



**1.** Now work out the height of the posts for the standard 2 degree fall.

Take a measurement from foundation up to the underside of the mounted receiver channel, let's call this dimension 'x'. Then subtract 90 mm to determine finished post height.

#### NOTE:

If height to underside of receiver channel is at the maximum height, 3090 mm, do not trim post. Instead go to step **3**.

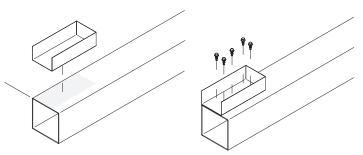
- **2.** Take a post **PT5** and mark all faces then safely cut post to length. Consider sealing cut with supplied paint.
- **3.** Take a B**K3** bracket and orientate as shown and align so it's flush with the end and side of the post.
- **4.** Fasten with five FAST100 tek screws and 5/16" nut setter.

Make sure screws are inset 20 mm from the edges of bracket for beam clearance.

To keep the parts aligned while fastening use a clamp or visegrips.

This completes the left post

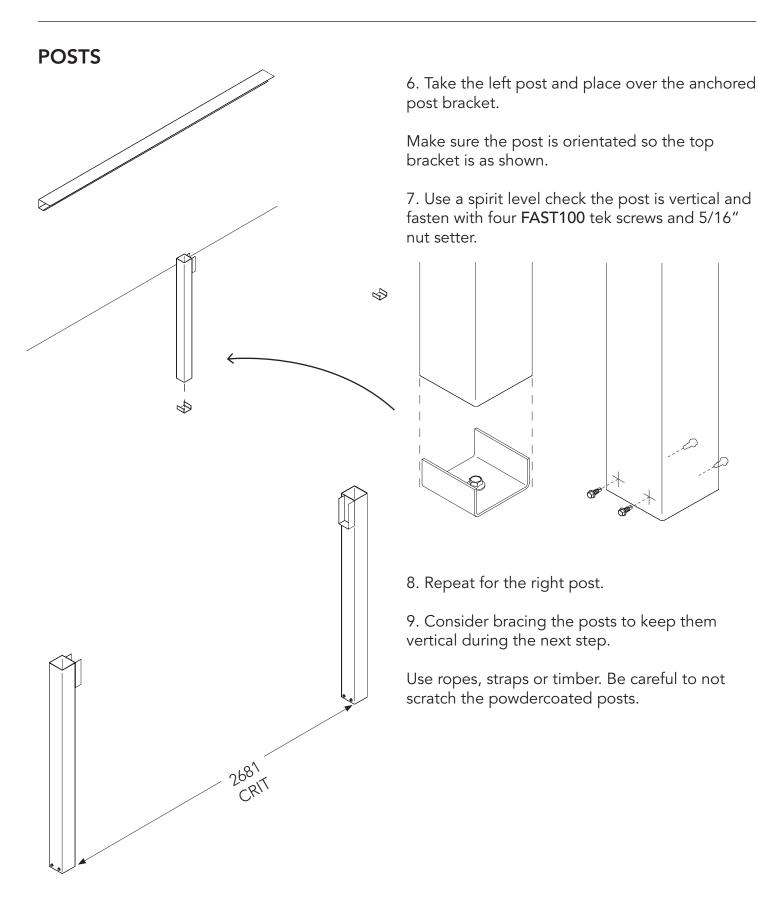
**5.** Make the right post by repeating these steps but aligning and fixing the **BK3** bracket as shown below.



This completes the right post.



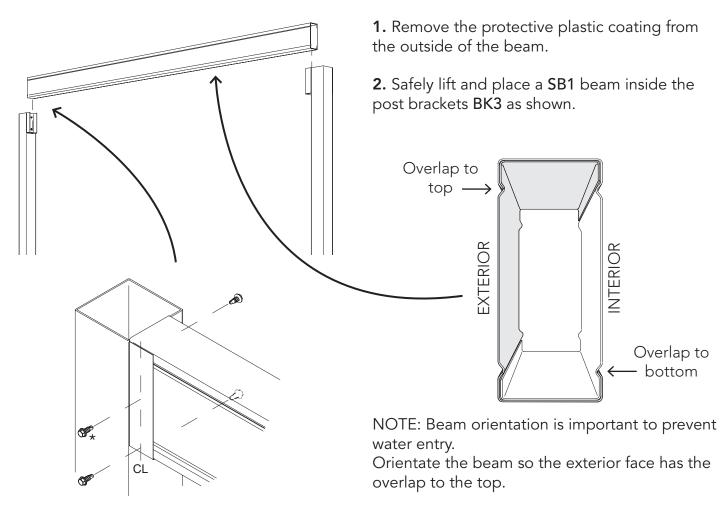
3.11m W x 3.11m D x up to 3.18m H





3.11m W x 3.11m D x up to 3.18m H

### FITTING THE SHURELOCK BEAM



2. Make sure the ends of the beam are all the way into the brackets and fasten each end with four FAST100 tek screws.

These are visible screws so take time to position them on the centreline of the BK3 bracket and space accordingly.

\*Fit this tek below the gutter after it is attached later.

1.0

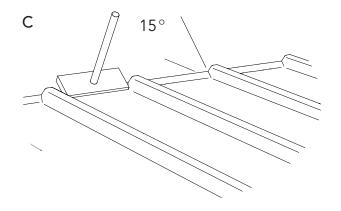
Model: ADPATIO3030



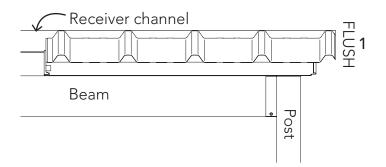
3.11m W x 3.11m D x up to 3.18m H

### **ROOF PANEL**

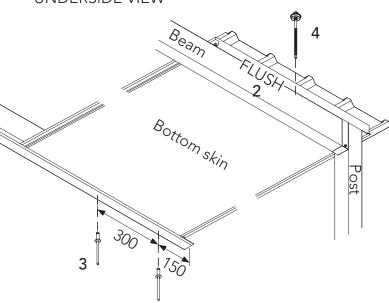
Prepare the AD1 panels using a tool before inserting into receiver channel.



FRONT VIEW - Aligning the first roof panel



**UNDERSIDE VIEW** 



The end with 'top skin' overhang & sticker must go to the front.

The other end goes into the receiver channel and requires some preparation.

- A. Check the foam core is flush with the top and bottom skins. If it bulges out, safely trim flush with a Stanley knife.
- B. Check if the steel 'Bottom skin' corner is bent down below the bottom face. Bend it up with pliers.
- C. To increase weather protection turn up the pans 15 degrees with a turn up/down tool or equivalent as shown

Familiarize yourself with the weight and orientation of the AD1 panel before lifting.

The 'bottom skin' has a protective plastic coating, this can be peeled off just before lifting.

Remember to lift and place do not slide, this can scratch the panel.

**1.** Safely position the first panel on top of the beam and insert into the receiver channel - all the way to the right.

The steel 'top skin' edge will be flush with right end of the receiver channel as shown.

- **2.** Check the beam for alignment, the roof panel bottom skin is to be flush with the exterior side of the beam as shown.
- **3.** For now fix the **AD1** panel to the receiver panel from below with two 4mm pop rivets **FAST102**. Inset 150 mm from the right and another 300 mm further along.
- **4.** Fasten the front edge of the roof panel to beam with a tek  $14 \times 125$  mm FAST104 through the centre-most rib.

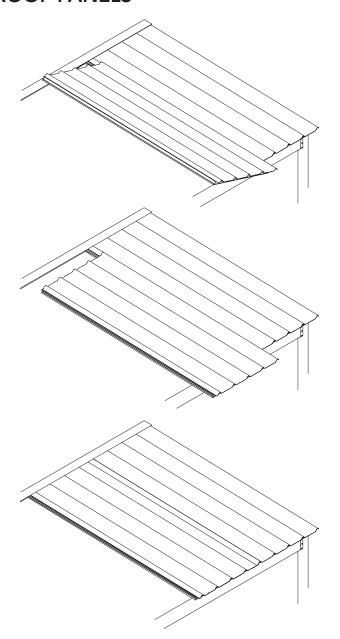
Don't over-tighten and crush the panel.

For further screw position detail see page 11.

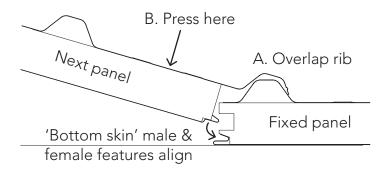


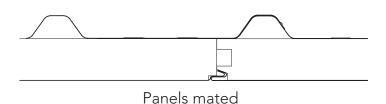
3.11m W x 3.11m D x up to 3.18m H

### **ROOF PANELS**



**5.** Safely place and mate the next **AD1** panel. Please note the bottom skin male and female features.



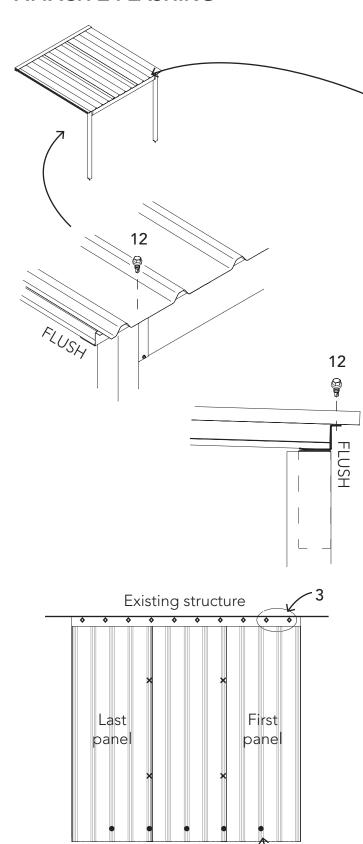


- **6.** Carefully push the panel up so it goes all the way into the receiver channel and is flush along the front beam Just like the 1st panel.
- **7.** As before fix the panel to the receiver channel from below with 4mm pop rivets **FAST102** at 300 mm spacings.
- **8.** Lay the rest of the panels in this same manner.



3.11m W x 3.11m D x up to 3.18m H

### ATTACH Z FLASHING



- **9.** Trim the Z flashing TR35 to match the overall panel width, flush with the outermost edges.
- **10.** Carefully remove the tek 14 x 125 mm FAST104 from step **4** and insert the Z flashing TR35 in between the beam and the panels as pictured. It needs to be flush with the exterior side of the beam.
- **11.** Refit tek through flashing and into original hole.
- **12.** Every second pan, fasten top skin to flashing with tek screws with neoprene washers FAST101
- **13.** Next fit off the rest of the fixings. NOTE: **3** & **4** are the fixings done earlier.
- Fasten roof panels to beam with tek 14 x 125 mm FAST104 at the remaining positions.
- Use shorter tek screws with neoprene washers FAST101 at the locations marked with 'x' where the top skins overlap.
- Check there is a pop rivet every 300 mm along the underside of the receiver channel
- Check there is a tek screw with neoprene washer FAST101 every second pan holding the TR35 to the top skin

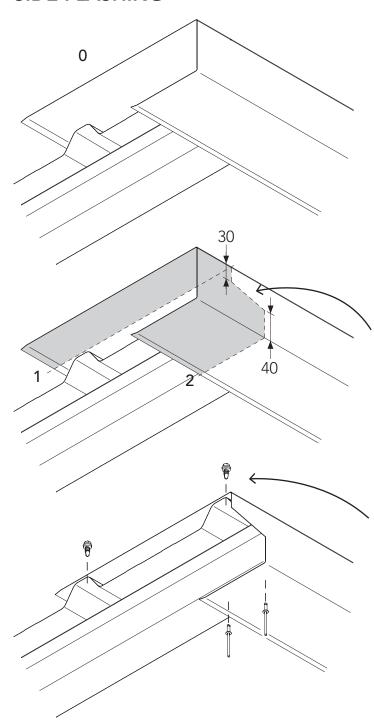
Front

11



3.11m W x 3.11m D x up to 3.18m H

### SIDE FLASHING



**6.** Repeat these steps for the other side flashing. Just remember to make the mirrored version.

RIGHT UNDERSIDE VIEW - beam not shown.

**0.** TR36 flashing may overhang roof panel at the front and we'll need to trim to make the gutter fit later.

NOTE: If the flashing is the same length as the roof panel you don't need to trim the top.

**1.** Mark off where 'top skin' end is against the top side of the flashing.

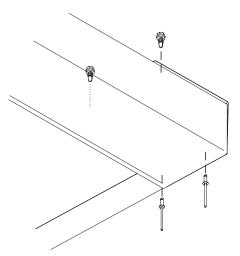
Then continue 30mm down the side.

**2.** Mark off where the 'Z' flashing is against the bottom side of the flashing.

Then continue 40mm up the side.

- **3.** On the side mark a line to join these points as shown.
- **4.** Take the flashing down off the roof and trim using tinsnips (offcut shown in grey).
- **5.** Refit and fasten using pop rivets **FAST102** at the locations shown.

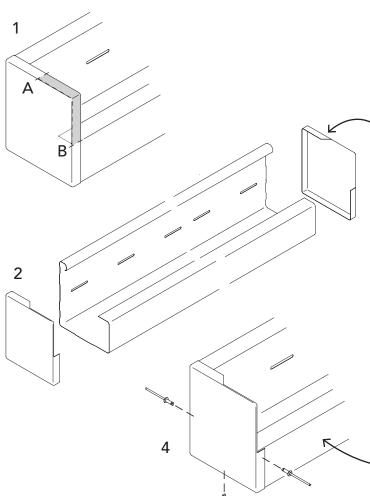
Only on top, use teks with neoprene washers FAST101.





3.11m W x 3.11m D x up to 3.18m H

### **GUTTERING**



- 1. Take a gutter end stop RWG25 and test fit it over an end of the gutter. Mark off the following.
- A. Midpoint along the top
- **B.** Face of gutter shown
- 2. Trim away area shown in grey with tinsnips

Repeat steps at the other end to make the other end stop.

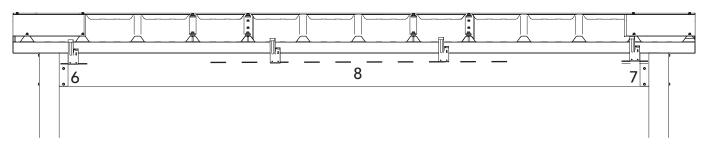
- **3.** At the rear of the structure, take an outside measurement from the left to the right flashing. Trim the gutter to match this length.
- **4.** Attach end caps with a rivet FAST102 through the front back and bottom. Joints may be sealed using water proof sealant
- 5. Test fit the gutter assembly
- Side flashings go inside end caps.
- Roof panel 'top skin' sits under top face of end caps.
- This face will be against the rear beam.

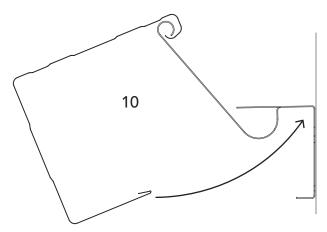


3.11m W x 3.11m D x up to 3.18m H

### **GUTTERING**

FRONT VIEW - NOTE: Fall to left for illustrative purposes only.

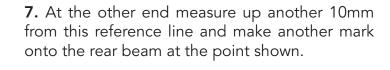


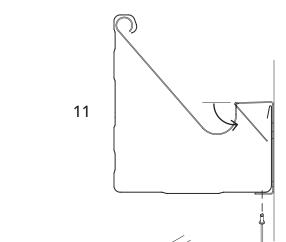


**6.** The gutter needs fall to drive water to a specific end. At the end you'd like the downpipe, mark the underside of the gutter onto the beam.

This will be used as a reference when mounting the gutter brackets RWG24.

Take the gutter down for now.





- **8.** Take a string line and make a line from the high to low point, this is for the two middle brackets.
- **9.** Align the bottom of the gutter bracket with the marks and fasten to rear beam using rivets **FAST102**.

Make sure they're spaced evenly.

**10.** Lift the gutter assembly and placed the rolled top edge over the gutter bracket in the orientation shown.

Roll the gutter around, make sure the side flashings go inside.

**11.** Lift so the bottom sits on the lower part of the bracket.

Fold the tabs down by hand then rivet from below as shown.

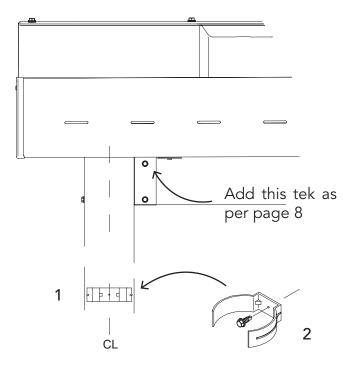
12. Rivet the gutter end stop to the side flashing.

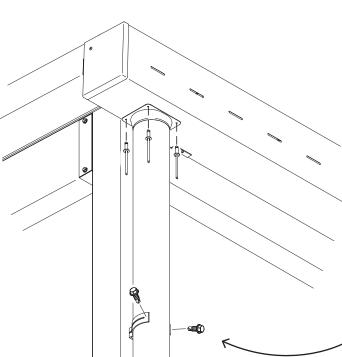
12



3.11m W x 3.11m D x up to 3.18m H

### **DOWNPIPE**





**NOTE:** The method shown is to mount a simple full height straight downpipe RWG21. An 80 to 90 mm adapter RWG29 is supplied if you wish to join into existing system instead.

- **1.** Fit both downpipe clips RWG23 to the centreline of the post at the positions shown.
- 2. Fasten the clips to the posts using tek screws FAST100 (no neoprene washer).
  Be careful not to over-tighten and damage.
  Predrilling may be helpful.
- 3. Cut the downpipe to length.
- **4.** Place the dropper RWG22 into the top of the downpipe and fasten and seal, press into clips and slide up until it touches the underside of the gutter.
- **5.** Straighten and then mark the four fastening holes and the centre.
- 6. Cut out the centre hole with a 70 mm hole saw.
- **7.** Seal the dropper to the underside of the gutter and rivet at all corners.
- **8.** Secure downpipe to clips using two tek screws FAST100 (no neoprene washer). Be careful not to over-tighten and damage.

### Immediate maintenance required!

Check and clean swarf from surfaces. Swarf will rust and if not cleaned away can permanently discolour the structure.



3.11m W x 3.11m D x up to 3.18m H

### **Referenced Standards**

Information in this manual has been designed in accordance with the following Australian and New Zealand Standards.

- National Construction Code of Australia 2022
- Specification S4C2—Design of Building in Cyclonic Areas NCC2022 VOL 1
- Part H1D7 Sheet Roofing of NCC 2022 Vol 2
- AS 1163:1991 Structural Steel Hollow Sections
- AS/NZS 1170.0:2002 Structural Design Actions
   Part 0— General Principles
- AS/NZS 1170.1:2002 Structural Design Actions
   Part 1— Permanent, Imposed & Other Actions
- AS/NZS 1170.2:2021 Structural Design Actions
   Part 2— Wind Actions
- AS/NZS 1170.3:2003 Design Actions Part 3— Snow and Ice Actions
- AS/NZS 1554.1:2004 Structural Steel Welding— Welding of Steel Structures
- AS1562.1: 2018 Design and installation of sheet roof and wall cladding Part 1: Metal
- AS/NZS 1664.1:1997 Aluminium structures— Limit state design
- AS 1684.2:2021 Residential Timber Framed Construction
- AS 3566.1:2002 Self Drilling Screws
- AS 3600:2018 Concrete Structures
- AS 4055:2021 Wind Loads for Housing
- AS 4100:2020 Steel Structures Code
- AS/NZS 4600:2018 Cold Formed Steel Structures

### 15 Year Warranty Statement



#### 1. DEFINITIONS

In this document, capitalised terms have the following meaning:

- (a) "ABSCO" means John Scholtes Investments (No. 1) Pty Ltd trading as Absco Industries.
- (b) "Authorised Purpose" means for storage (other than storage of corrosive materials), and other activities typically expected of a non-habitable structure.
- (c) "Defect" means a defect in the design, workmanship, materials, or any other defect caused by the manufacturing process of the Product (including damaged or missing parts).
- (d) "Excluded Environment" means land located within 1km of:
- (i) salt marine locations or other areas of marine influence;
- (ii) severe industrial or other abnormally or highly corrosive environments;
- (iii) areas not washed by rain;
- (iv) a recognised flood, bushfire or earthquake zone; or
- (v) areas with uncontrolled fill unless an engineered foundation is constructed.
- (e) "Parties" means ABSCO and You.
- (f) "Product" means any of the following unless stated otherwise in the product description and or the Product Guide for the Product:
- (i) products in the "ABSCO Structures" range, including but not limited to insulated patio covers, insulated gazebos and insulated carports;
- (ii) products in the "ABSCO Structures Signature" range, including but not limited to:
- (A) 3m x 3m and 6m x 3m insulated patio covers; and
- (B) 3m x 3m and 6m x 3m insulated gazebos and carports;
- (iii) products in the "ABSCO Structures Designer" range;
- (iv) all other products containing insulated panels.
- (g) "Product Guide" means the guide for installation and maintenance of the Product produced by ABSCO.
- (h) "Warranty Period" means the period of 15 years, commencing on the day after the date of purchase of the Product.
- (i) "Warranty Statement" means this '15 Year Warranty Statement' document.
- (j) "You" / "Your" means the customer who purchased or installed the Product, or the person who owns the land upon which the Product is installed but does not include a subsequent purchaser of the Product where the Product is moved to a different location to that originally installed.

#### 2. ABSCO'S STRUCTURAL WARRANTY

- 2.1. ABSCO provides this warranty to You in relation to the Product. The warranty applies to all colours and finish variants of the Product manufactured by ABSCO and sold by authorised sellers of the Product in Australia or New Zealand.
- 2.2. Subject to the terms of this Warranty Statement:
- (a) ABSCO warrants that the Product will be free from Defects for the duration of the Warranty Period; and
- (b) where the Product contains a Defect, ABSCO will either repair or replace the Product, or provide You with monetary compensation for the Defect in accordance with clause 3.

#### 3. WARRANTY CLAIM PROCEDURE

- 3.1. If, during the Warranty Period, You believe the Product has a Defect, You must comply with the procedure set out in this clause 3.
- 3.2. Within 30 days of becoming aware of the Defect in the Product, You must notify ABSCO in writing of the alleged Defect ("Defect Notice") by email to admin@absco.com.au.
- 3.3. The Defect Notice must include:
- (a) Your name, address and contact details;
- (b) proof of purchase of the Product, including the colour and finish of the Product;
- (c) the date and location of the installation of the Product and details of the contractor or installer of the Product;
- (d) details of the alleged Defect in the Product, including but not limited to:
- (i) a clear description of the alleged Defect;
- (ii) the date the alleged Defect was first identified; and
- (iii) any photographs and/or video footage of the alleged Defect.
- 3.4. As soon as reasonably practicable after receipt of the Defect Notice, ABSCO will contact You to investigate the alleged Defect. You must make the Product available to ABSCO and/or its authorised representatives for inspection and testing if so required.
- 3.5. A travel fee may apply if ABSCO and/or its authorised representatives are required to inspect the Product outside a capital metropolitan city area.
- 3.6. If ABSCO's investigations reveal a genuine Defect in the Product, ABSCO may elect to either:
- (a) repair the Product;
- (b) replace all or part of the Product; or
- (c) refund all or part of the purchase price paid by You as compensation for the Defect in the Product.
- 3.7. ABSCO's election in clause 3.6 is at ABSCO's sole discretion.
- 3.8. If ABSCO elects to repair the Product, ABSCO will arrange for a qualified tradesperson to attend to the rectification of the Defect as soon as reasonably practicable. The cost of the repair will be borne by ABSCO.
- 3.9. If ABSCO elects to replace the Product:
- (a) ABSCO will arrange for the replacement Product to be available for collection by You from the nearest ABSCO authorised reseller as soon as reasonably practicable;
- (b) You may be required to return the alleged Defective parts or components to ABSCO; and
- (c) You will be liable for the cost of disassembly and removal of the Product and assembly and installation of the replacement Product.
- 3.10. If ABSCO elects to repair or replace the Product and the necessary parts or components are no longer manufactured or supplied by ABSCO, ABSCO may repair or replace the parts or components with parts or components of a similar quality, grade, composition and colour. You cannot object to such an alternative.
- 3.11. If ABSCO's investigations do not reveal a genuine Defect in the Product (including a defect which is not covered by this warranty), You agree to pay ABSCO's reasonable investigation costs.

#### 4. WARRANTY LIMITATIONS / EXCLUSIONS

- 4.1. To the extent permitted by law, this warranty will not apply where:
- (a) the Product has been installed or used for a purpose that is not an Authorised Purpose;
- (b) the Product has not been installed, assembled, maintained and/or operated in complete compliance with ABSCO's Product Guide;
- (c) the Product has been used to store corrosive materials such as fertiliser or chlorine;
- (d) the Product was installed in excess of 12 months after the purchase of the Product:
- (e) the Product has not been installed in accordance with the relevant standards, codes and statutory regulations;
- (f) the Defect is determined to have been caused by storm, wind, rain, earthquake, fire, snow or poor foundations;
- (g) the Defect is, or is the result of, surface deterioration of panels caused by 'swarf' (tiny particles of steel debris left from cutting, grinding or drilling operations);
- (h) the Product has been installed in an Excluded Environment;
- (i) the Product has been subject to accident, negligence, alteration, abuse or misuse;
- (j) the Defect is determined to be the result of overloading; or
- (k) ABSCO determines that the Defect is the result of a failure of a thirdparty product.
- 4.2. You acknowledge that:
- (a) dimensions and colour of the Product are subject to normal manufacturing variations and tolerances, and that reasonable variances are not considered a Defect under this warranty; and
- (b) this warranty is limited to the repair or replacement of Defects in the Product and does not extend to any other product or any other consequential or indirect damage incurred as a result of the Defect.
- 4.3. For the purpose of this warranty, the following matters are excluded from the definition of Defect:
- (a) general wear and tear which is reasonably expected to occur over the life of the Product;
- (b) surface deterioration of panels caused by 'swarf' (tiny particles of steel debris left from cutting, grinding or drilling operations);
- (c) condensation caused by weather conditions such as extreme heat or cold;
- (d) defects in any fastening apparatus (screws, nuts, bolts, rivets, hasps or bolts);
- (e) leaks caused by driving rain;
- $\hbox{ (f)} \hspace{1cm} \hbox{improper installation, maintenance or handling of the Product;} \\$
- (g) movement, distortion, collapse or settling of the ground or the supporting structure on which the Product is installed; or
- (h) staining from foreign substances (including mould, mildew, dirt, grease, oil and any other substance).
- 4.4. To the extent permitted by law, ABSCO is not liable to compensate You for any:
- (a) increased costs or expenses;
- (b) loss of profit, revenue, business, contracts or anticipated savings;
- (c) loss or expense resulting from a claim by a third-party; or
- (d) special, indirect or consequential loss or damage of any nature whatsoever, arising from a Defect in the Product or ABSCO's repair or

replacement of the Product under this warranty.

- 4.5. To the extent permitted by law and notwithstanding any other provision contained in this Warranty Statement, where the manufacturer of a component incorporated into the Product by ABSCO:
- (a) provides a warranty on that component to ABSCO the is more extensive than the warranty provided by ABSCO under this Warranty Statement, ABSCO only extends the benefits of that warranty to You to the extent it is capable of doing so at law and provided that none of the limitations or exclusions in this clause 4 apply; and
- (b) provides a warranty on that component to ABSCO that is less extensive than the warranty provided by ABSCO in this Warranty Statement, ABSCO's warranty is limited to that lesser warranty.

#### 5. CONSUMER LAW

Australian Consumer Law

- 5.1. Clauses 5.2 to 5.3 apply where the Product was purchased in Australia
- 5.2. The Product comes with guarantees that cannot be excluded under the Australian Consumer Law. You may be entitled to a replacement or refund for a major failure of the Product and compensation for any other reasonably foreseeable loss or damage. You may also be entitled to have the Product repaired or replaced if the Product fails to be of acceptable quality and the failure does not amount to a major failure.
- 5.3. The benefits of this Warranty Statement are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this Warranty Statement is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

New Zealand Consumer Law

- 5.4. Clauses 5.5 to 5.6 apply where the Product was purchased in New Zealand.
- 5.5. This warranty is subject to the laws of New Zealand, including but not limited to the New Zealand Sale of Goods Act, the Consumer Guarantees Act and the Fair Trading Act.
- 5.6. The benefits of this Warranty Statement are in addition to any rights and remedies imposed by New Zealand legislation that cannot be excluded. Nothing in this Warranty Statement is to be interpreted as excluding, restricting or modifying any New Zealand legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

#### 6. NO REPRESENTATIONS / ENTIRE AGREEMENT

- 6.1. You agree and acknowledge that this Warranty Statement contains the entire agreement between the Parties regarding the warranty provided by ABSCO to You in relation to the Product.
- 6.2. To the full extent permitted by law, this Warranty Statement supersedes all other warranties of any kind, including whether express or implied by representations, statement, correspondence or other conditions such as merchantability or fitness for purpose.

#### 7. REGISTRATION OF WARRANTY

- 7.1. Please ensure that You keep this Warranty Statement in a safe place along with your proof of purchase of the Product.
- 7.2. To ensure ABSCO has a record of your warranty, You can register Your warranty online at http://abscosheds.com.au/warranty-details/.