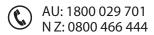
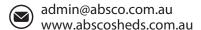
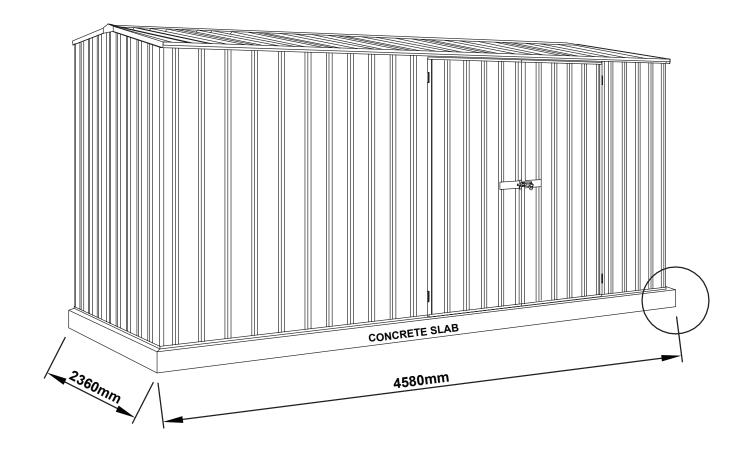


4.48mW x 2.26mD x 2.00mH

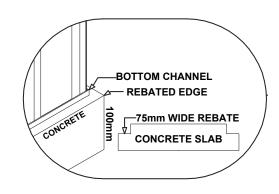






For construction in non-cyclonic areas Wind rating: N2 as per AS4055-2012

When laying concrete slab, ensure there is a rebated edge 25mm deep around the perimeter. This will help water egress from the base of the shed.









Download the Absco Sheds Assembly App for instructional videos

Model: 45232WK





4.48mW x 2.26mD x 2.00mH

GENERAL INSTRUCTIONS

- Before commencing any assembly, read through these instructions in detail to gain a thorough understanding of assembly methods and associated details.
- Unpack the carton and carefully identify and check off all the parts against the parts described and illustrated on "COMPONENTS PACKING LIST" pages.
- Local authority approval must be obtained prior to construction of the shed. Once you have selected your site you will need to lodge a site plan to your local council.

SITE PREPARATION

- The site for the shed must be level. An uneven surface may result in misalignment of parts.
- The shed shall be erected on top of a reinforced concrete slab and anchored down appropriately illustrated on "FINAL CONSTRUCTION" page. If using a rebated slab ensure that all frame uprights are trimmed 25mm.

TOOLS REQUIRED















SAFETY NOTES

- Some parts may have sharp edges. It is advisable to wear gloves when handling these items and safety glasses if drilling holes. Sensible shoes are highly recommended.
- Do not erect your shed in windy conditions.
- It is highly recommended to erect the shed with two or more people.

RECOMMENDED













4.48mW x 2.26mD x 2.00mH

COMPONENT PACKING LIST

Check off all components.

MAIN PACK CARTON (PACK 1 OF 2)								
QTY	COMPONENT DESCRIPTION	PART No.	CHECK	QTY	COMPONENT DESCRIPTION	PART No.	СНЕСК	
2	STEEL SHEET 1915mm X 773mm	36L		1	RIDGE BEAM L = 1521mm	97AL		
2	STEEL SHEET 1980mm X 773mm	42D		1	RIDGE BEAM L = 1521mm	97AR		
12	STEEL SHEET 1170mm X 773mm	49A		1	RIDGE BEAM L = 1513mm	97C		
1	STEEL SHEET 1785mm X 711mm	34A		1	RIDGE BEAM JOINER L: 450mm (17.7")	ZARSP		
1	STEEL SHEET 1785mm X 711mm	35A		2	PEAK BRACE	15A		
1	STEEL SHEET 1725mm X 773mm	Α		1	FITTINGS & ACCESSORIES PACKET (SEE PAGE 4)			
1	STEEL SHEET 1725mm X 773mm	В						

Model: 45232WK

3



4.48mW x 2.26mD x 2.00mH

FITTINGS & ACCESSORIES PACKET CONTENTS								
2	DOOR STRAP L: 165mm	12A		10	CHANNEL JOINER L= 200mm (7.9")	CSJ		
2	CAP GABLE L: 170mm	14A		2	RIDGE PLATES	RBP		
1	SELF TAPPING SCREWS PACKET CONTAINING 100			1	RIDGE CAP JOINER	98A		
1	PSTKDBL DOUBLE DOOR FITTING PACK			10	16mm TEK SCREWS	FAST014		
	PSTI	KDBL - D	OUBLE D	OOR F	ITTINGS PACK			
3	DOOR	FAST006		2	DOOR PADBOLT HASP	FAST007		
1	3mm DRILL BIT	DRILL		1	PHILLIPS DRIVER BIT	FAST038		
1	SELF TAPPING SCREWS PACKET CONTAINING 220			1	PACK12P SCREW PACK 12			
PACK12P - SCREW PACK 12								
8	3/16 ROUND HEAD BOLTS & NYLOCK NUTS			12	3.2 x 8mm BLIND POP RIVETS			
12	3/16 COUNTERSUNK SCREWS & NUTS							



4.48mW x 2.26mD x 2.00mH

MAIN PACK CARTON (PACK 2 OF 2)								
QTY	COMPONENT DESCRIPTION	PART No.	CHECK	QTY	COMPONENT DESCRIPTION	PART No.	CHECK	
2	STEEL SHEET 1915mm X 773mm	36R		5	STEEL SHEET 1785mm X 773mm	31A		
3	STEEL SHEET 1785mm X 773mm	30A		1	45232WCP-(J) CHANNELPACK (SEE PGs 6 & 7)			
2	CHANNEL L = 1106mm	C1106		1	MID-FRAME FITTINGS PACK (SEE BELOW)			
2	CHANNEL L = 1704mm	C1704						
		MID-	FRAME A	CCES	SORIES			
2	2 KNEE PLATE			4	DYNAB	BOLT		
2	APEX PLATE			120	16mm TEK SCREWS			
2	MULTI PURPOSE BRACKET			26	45mm TEK SCREWS			



ABSCO WORKSHOP SHED

4.48mW x 2.26mD x 2.00mH

45232WCP CHANNEL PACK								
QTY	COMPONENT DESCRIPTION	PART No.	СНЕСК	QTY	COMPONENT DESCRIPTION	PART No.	CHECK	
1	CHANNEL L = 1496.5mm	55AL		1	CHANNEL L = 1463.5mm	55AR		
1	CHANNEL L = 1496.5mm	55BL		1	CHANNEL L = 1496.5mm	55BR		
1	CHANNEL L = 1496.5mm	55CL		1	CHANNEL L = 1496.5mm	55CR		
2	CHANNEL L = 1496.5mm	60AL		2	CHANNEL L = 1496.5mm	60AR		
2	CHANNEL L = 1496.5mm	81AL		2	CHANNEL L = 1496.5mm	81AR		
1	CHANNEL L = 1496.5mm	81BL		1	CHANNEL L = 1496.5mm	81BR		
2	CHANNEL L = 1126.5mm	81CL		2	CHANNEL L = 1126.5mm	81CR		



ABSCO WORKSHOP SHED

4.48mW x 2.26mD x 2.00mH

45232WCP CHANNEL PACK (CONT.)								
QTY	COMPONENT DESCRIPTION	PART No.	CHECK	QTY	COMPONENT DESCRIPTION	PART No.	CHECK	
2	CHANNEL WITH HINGES L = 1725mm	58A		2	CHANNEL L = 1143mm	83L		
1	CHANNEL L = 1725mm	58B		2	CHANNEL L = 1143mm	83R		
1	CHANNEL L = 1513mm	53C		2	JAMB L= 1785mm	89A		
4	CHANNEL L = 773mm	58C		1	JAMB L= 1725mm	89C		
2	CHANNEL L = 1513mm	60C		1	JAMB L= 1568mm	90A		
1	CHANNEL L = 1568mm	79A		4	JAMB L= 1120mm	91A		
2	CHANNEL L = 1513mm	81E		4	LIP TRIM L= 1170mm	86A		
2	CHANNEL L = 1513mm	81F						



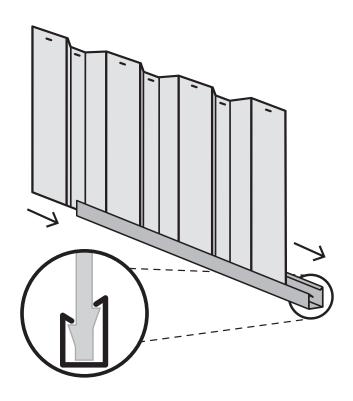
4.48mW x 2.26mD x 2.00mH

SNAPTITE ASSEMBLY GUIDE

The Snaptite Assembly System locks end channels to all roof and wall sheets without the need for tools and fasteners.

To assemble each panel, the perimeter channels are secured to the top and bottom of each panel. Gently tap the channel over the SNAPTITE lugs on the sheet, working along the sheet.

Each perimeter channel must finish flush with the edges of the sheets. Simply tap the channel along the sheets until each end is neatly flush. If you need to remove channels from the panels, slide it off from the side.





Channel locks the shed panel into position without the need for screws!

FASTENING SYMBOLS



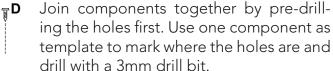
Secure channel to sheeting by SNAPTiTE fastening method.



Join components together with one screw at this location only, as some channels have extra holes that are not required for this model of shed.



Do not join components together at this location yet, as the screws may obstruct further assembly of the other components.





3mm pop rivet



4mm nut and bolt set.

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4.48mW x 2.26mD x 2.00mH

Guide on Joining Spliced Channels

The text marked on all parts must be shown on the same side as each other



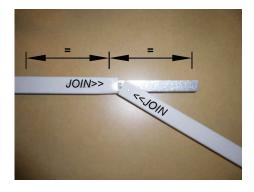
Step 1.
Position the channels and the CSJ joiner so the centre of the CSJ is in line with the end of each channel to be joiner together.



Step 2.
Join the first channel to the CSJ by inserting the centre of the CSJ, on an angle, to the end of the channel where the JOIN>> text is marked.

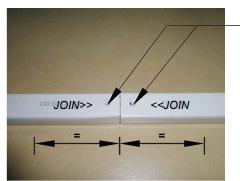


Push down one side of the CSJ until you hear a 'click'.



Step 3.

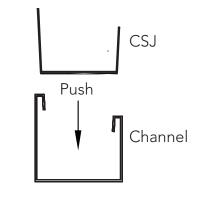
Join the second channel to the CSJ by positioning the <<JOIN of the channel at the centre of the CSJ, on an angle. Push the CSJ into the channel until you hear a 'click'.

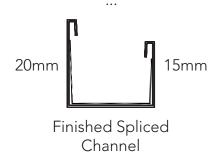


Finished Channel.
The joined channels should now look like the picture with the CSJ positioned equally inside of the joined channels.

Drill out holes with 3mm drill bit in CSJ to match the holes in channel and secure with the screws supplied.

These may have to be temporarily removed during assembly.



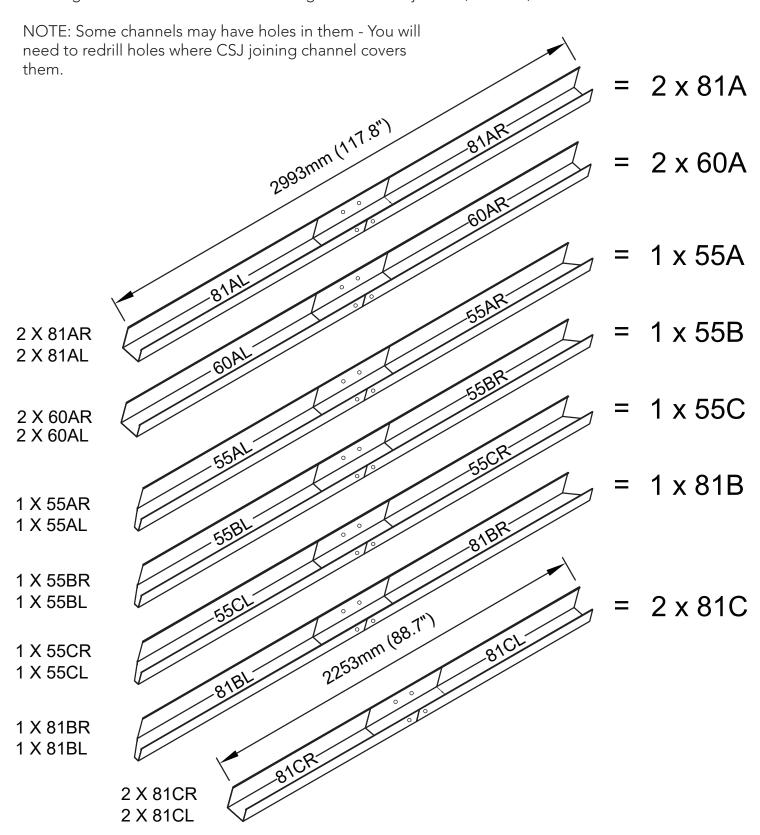




4.48mW x 2.26mD x 2.00mH

PRE-ASSEMBLY OF SPLICED CHANNELS

Join together 20 x channel sections using 10 x channel joiners (Part CSJ)





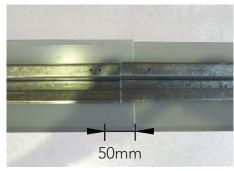
4.48mW x 2.26mD x 2.00mH

Guide on Joining a Spliced Ridge Beam

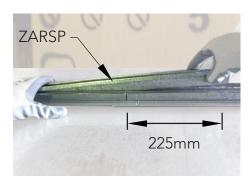
Follow these three steps to assemble a ridge beam.



Step 1.
Place two ridge beams as shown and push them together.
Slide the cap of one under the other.



NOTE. There is a 50mm overlap of the ridge caps when the beams are in position.



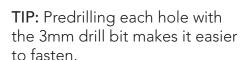
Step 2. Use the ZARSP to connect at the centre of the two ridge beams. Be sure it is pushed in fully.



Step 3.
Turn over the ridge beam.
Measure 250mm from the
middle along the centre of one
ridge beam, mark spacings of
50mm. Fasten with a Tek screw
at each marking.

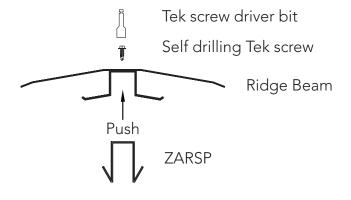


Repeat to the other side of the ridge beam assembly.





Finished Spliced Ridge Beam



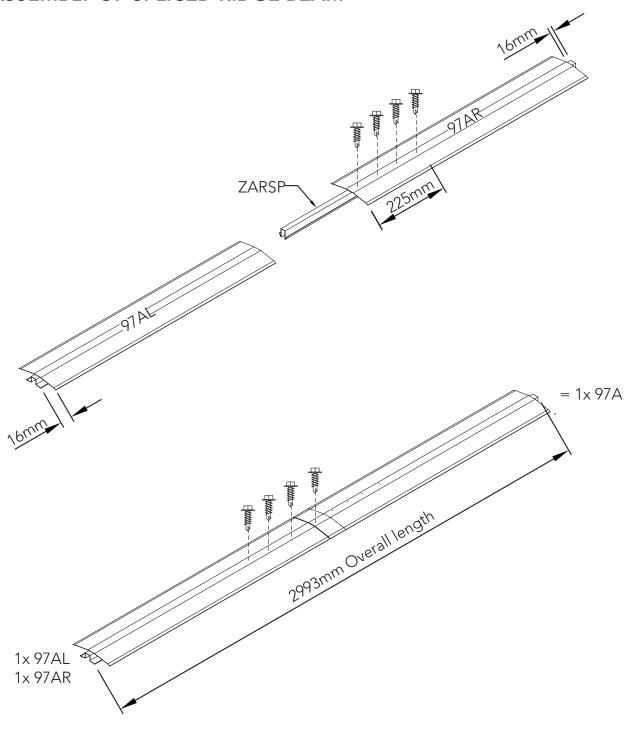


Finished Spliced Ridge Beam



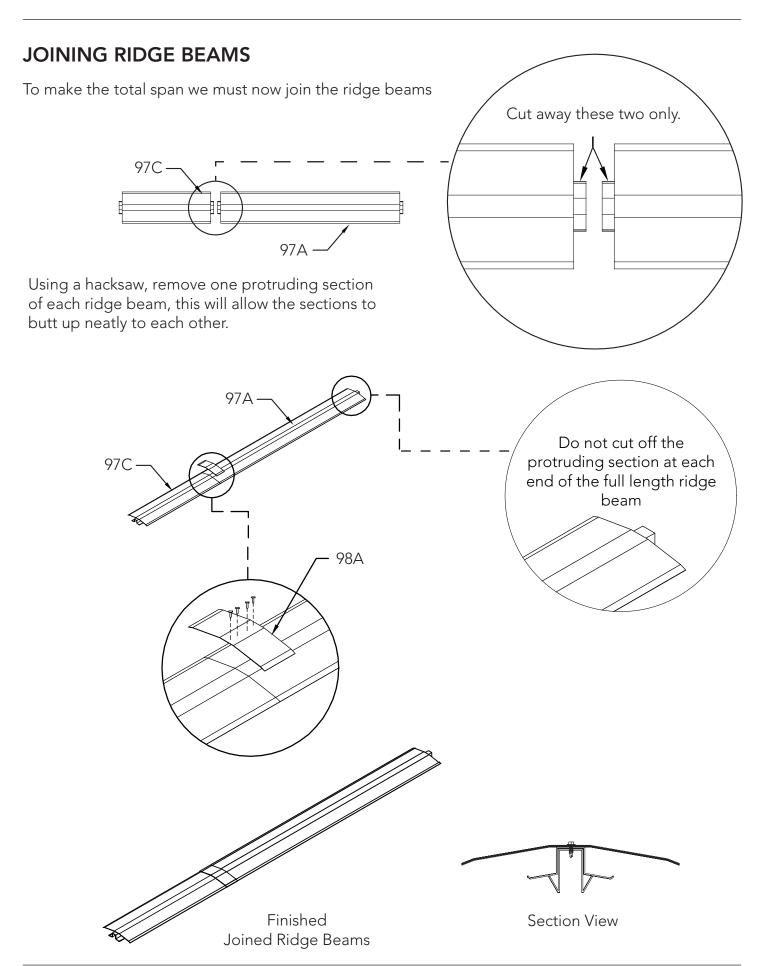
4.48mW x 2.26mD x 2.00mH

PRE-ASSEMBLY OF SPLICED RIDGE BEAM



12



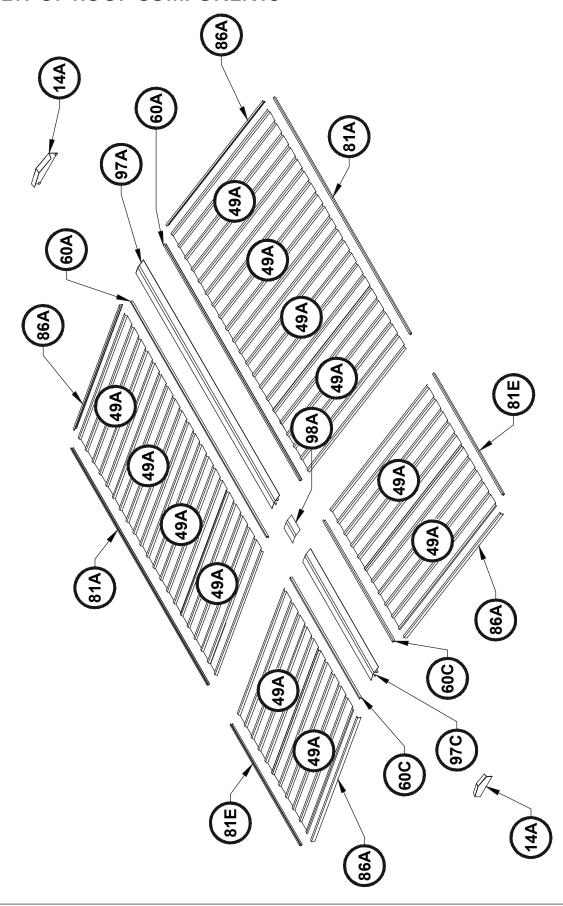




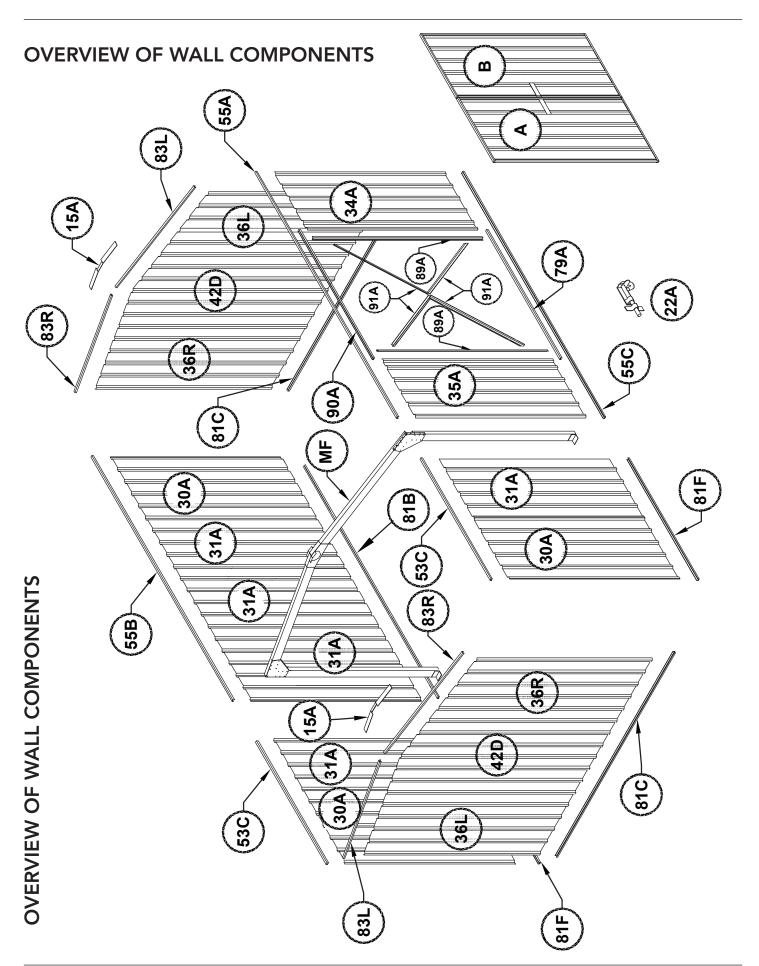


4.48mW x 2.26mD x 2.00mH

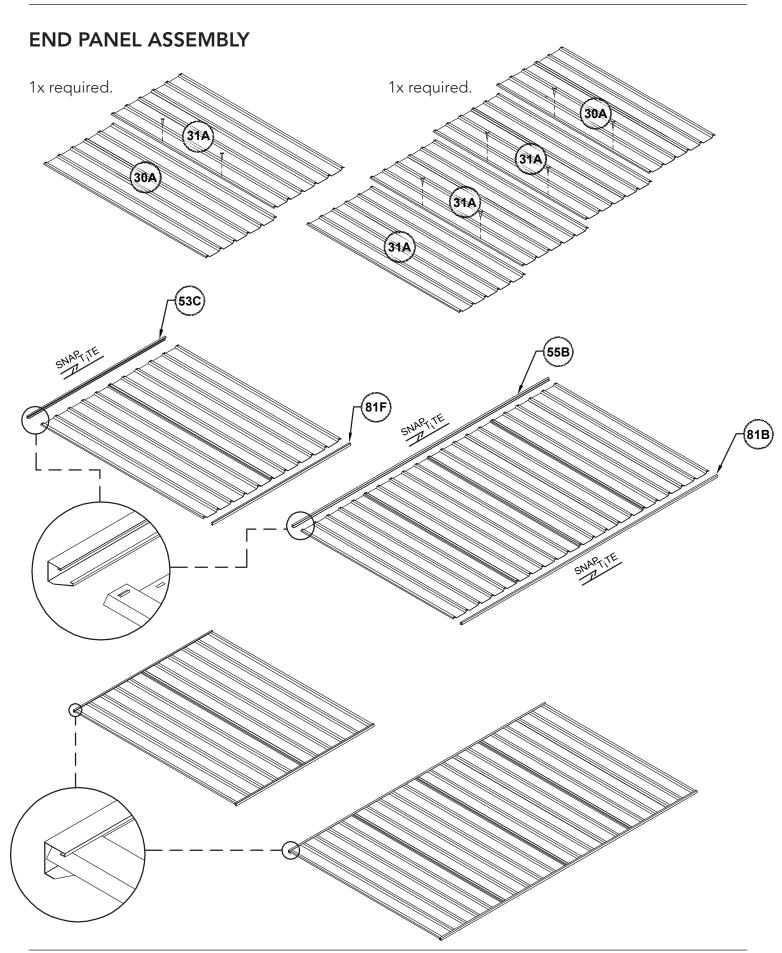
OVERVIEW OF ROOF COMPONENTS







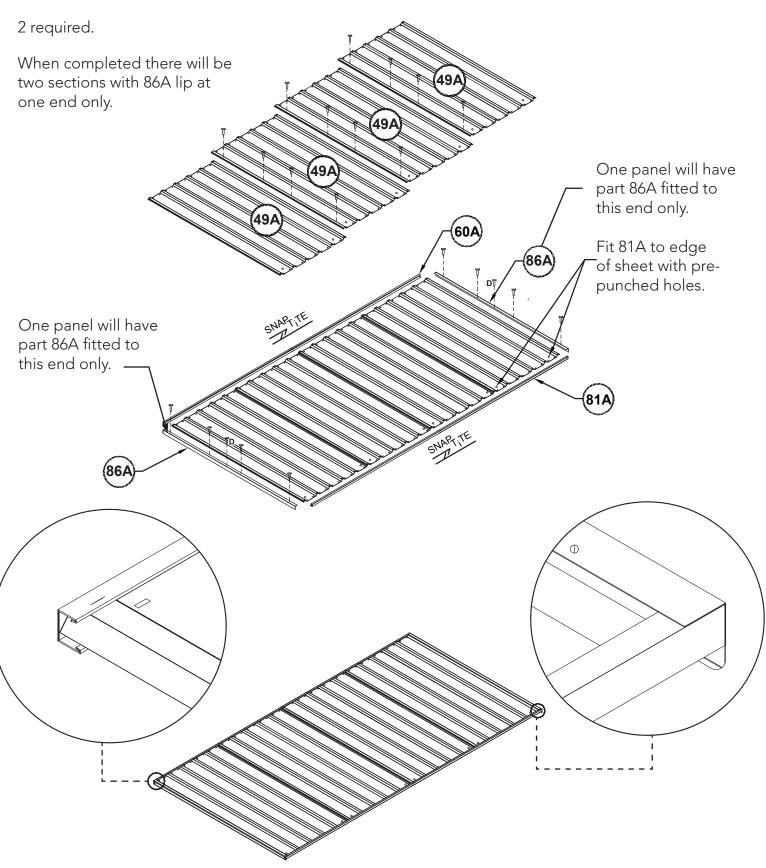






4.48mW x 2.26mD x 2.00mH

LARGE ROOF PANEL ASSEMBLY

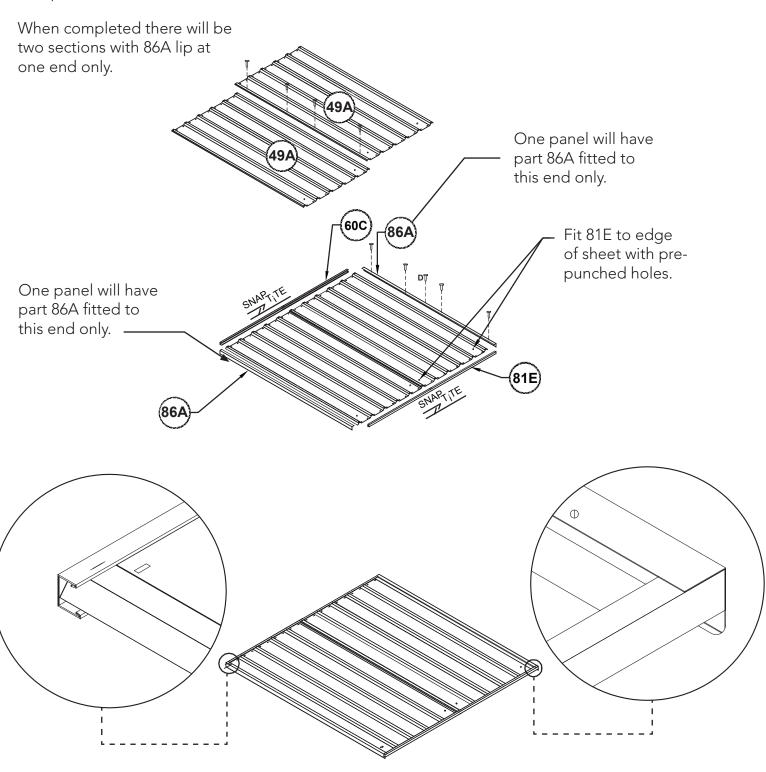




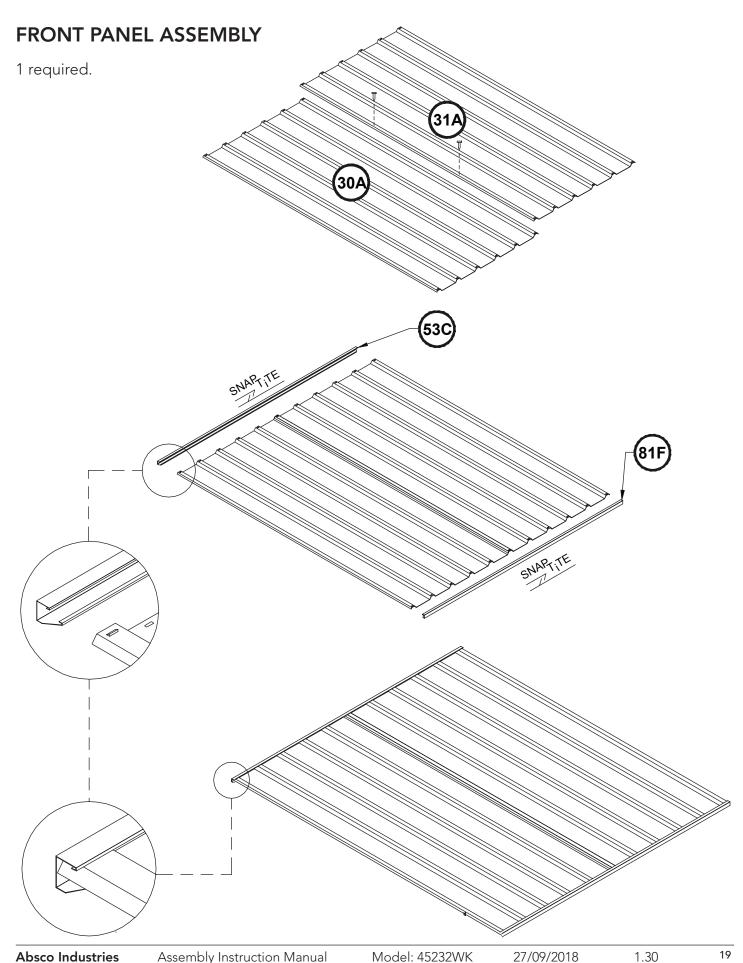
4.48mW x 2.26mD x 2.00mH

SMALL ROOF PANEL ASSEMBLY

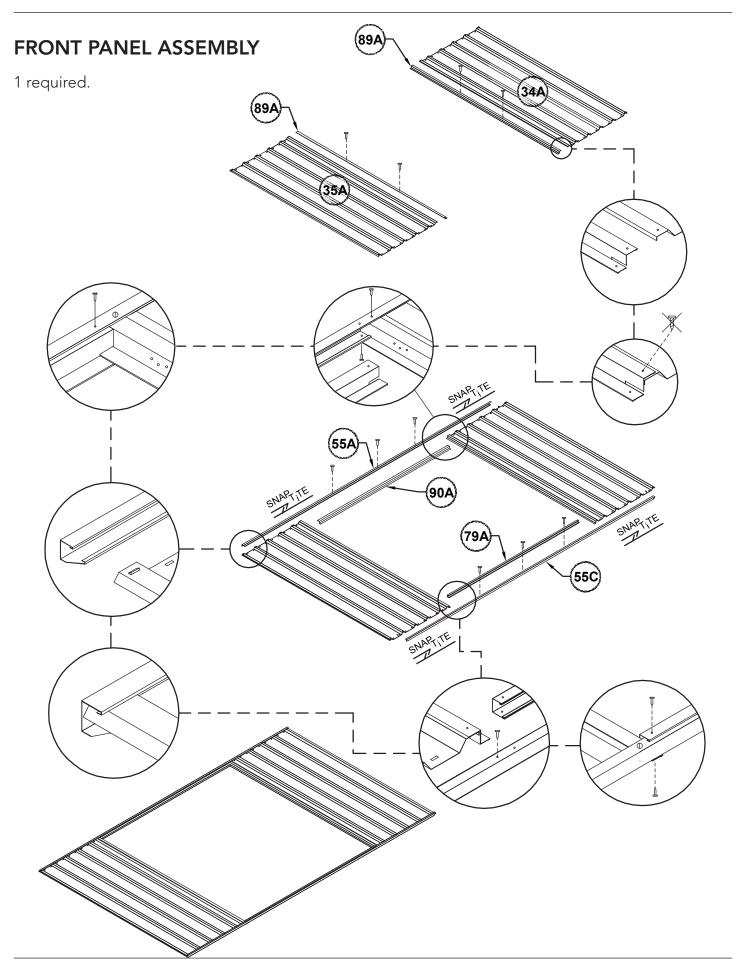
2 required.



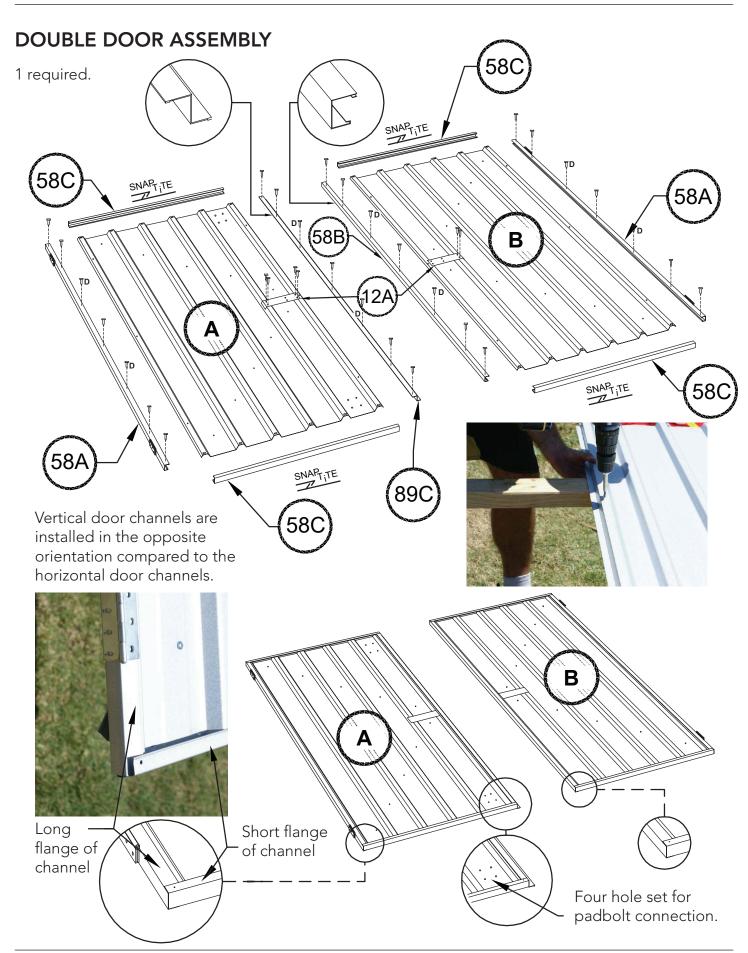






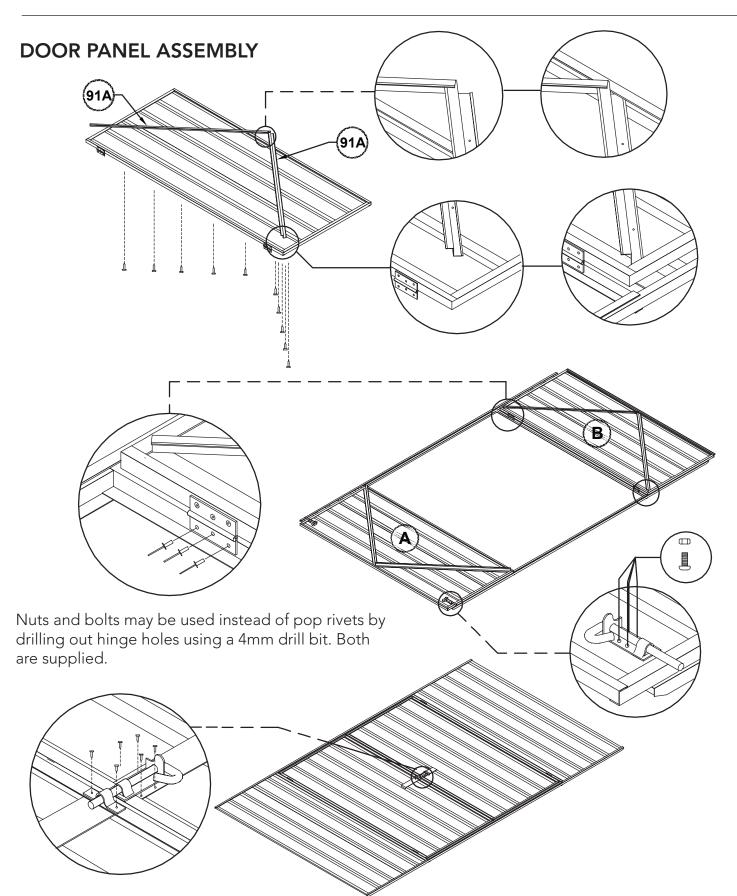








4.48mW x 2.26mD x 2.00mH



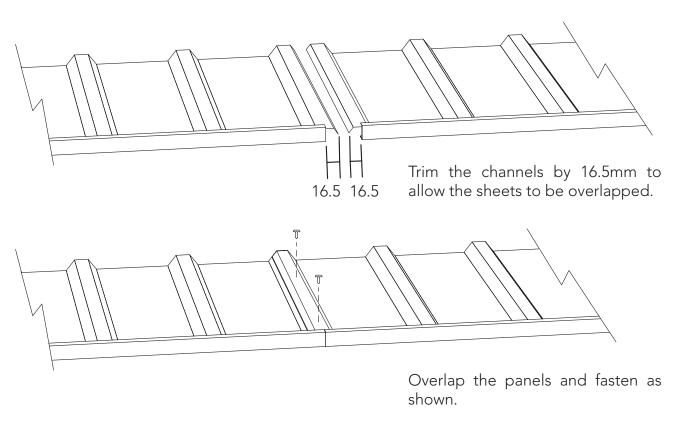
The two holes required to connect the padbolt hasp for each door have not been pre-punched, to allow for proper alignment, position each hasp centrally over the padbolt shaft and drill 3mm holes and secure with screws.



4.48mW x 2.26mD x 2.00mH

JOINING WALL AND ROOF PANELS

To make the total span we must now join sections of sheeting together for the roof and wall.

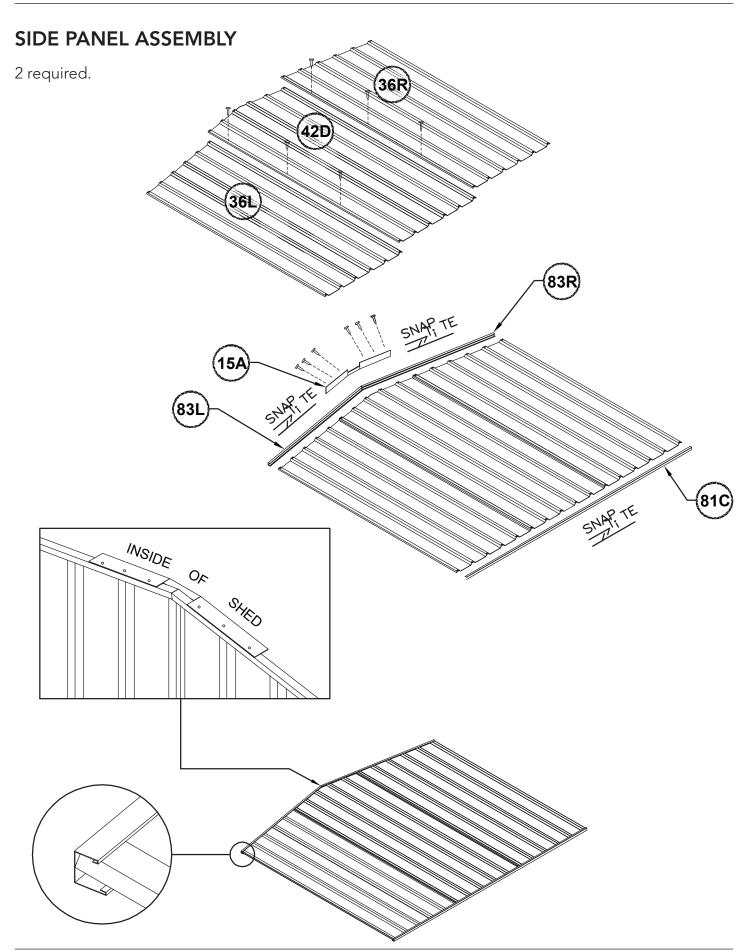


Refer to the panel construction section of this instruction set for further details and ensure that the assembled panels are not joined together with pre-punched holes incorrectly positioned.

The overall length of each panel is the same as the ridge beam.

It is not critical that the overall dimension is exact but try and make sure the length is within 5mm.

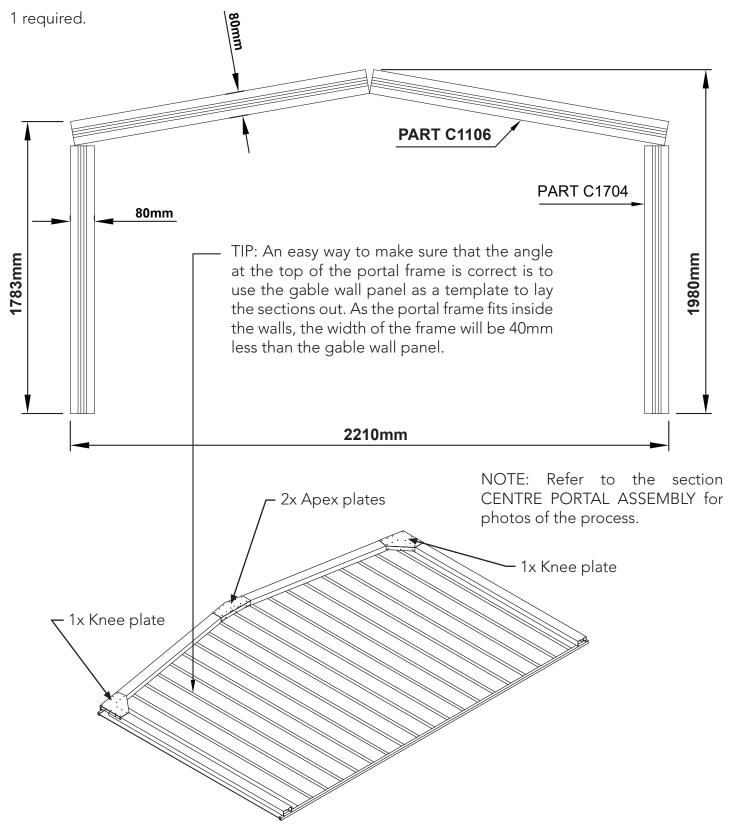






4.48mW x 2.26mD x 2.00mH

CENTRE PORTAL FRAME DETAILS



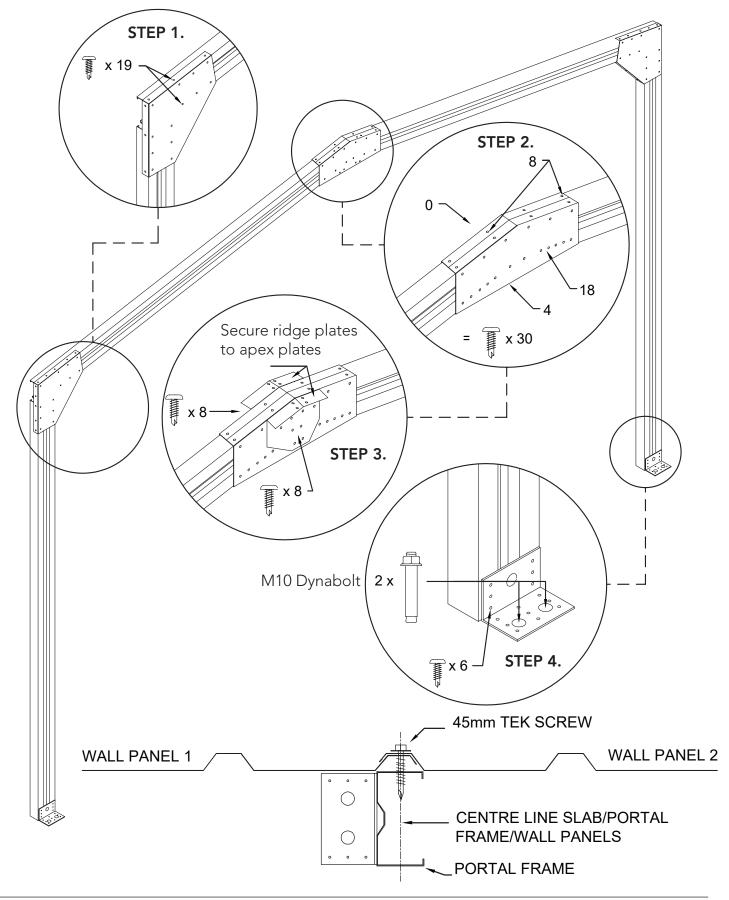
NOTE: If you have a slab with an edge rebate in your concrete slab, you will have to cut an amount off the bottom of the frame legs equal to the depth of the rebate.

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4.48mW x 2.26mD x 2.00mH

CENTRE PORTAL FRAME DETAILS



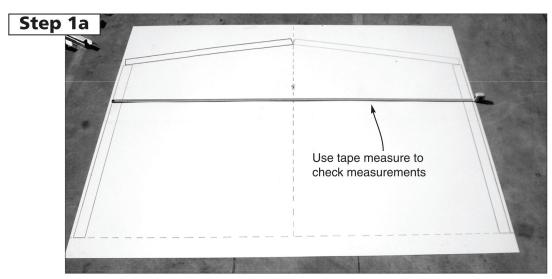


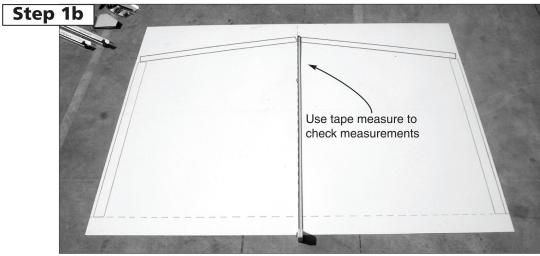
4.48mW x 2.26mD x 2.00mH

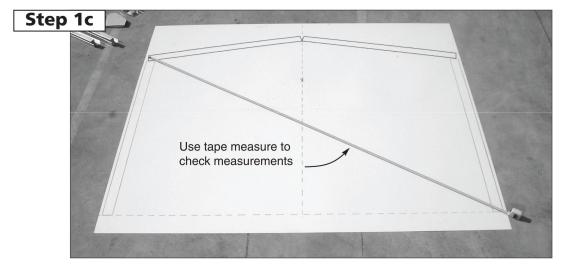
CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STFP 1

Draw pattern on the concrete in accordance with the dimensions detailed in the assembly instructions.







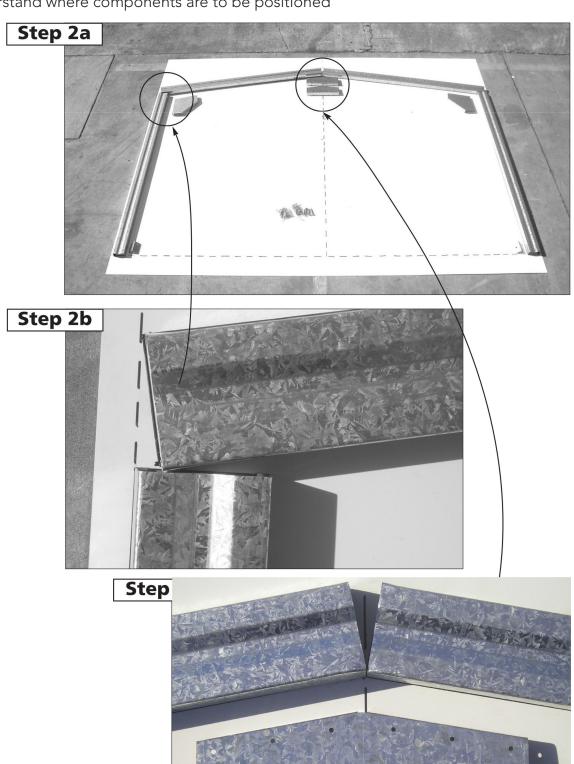


4.48mW x 2.26mD x 2.00mH

CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 2.

Understand where components are to be positioned



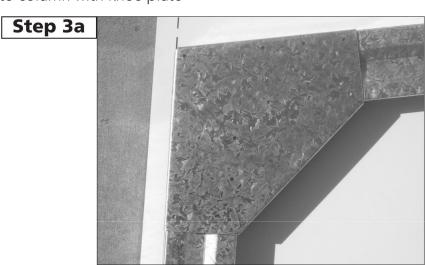


4.48mW x 2.26mD x 2.00mH

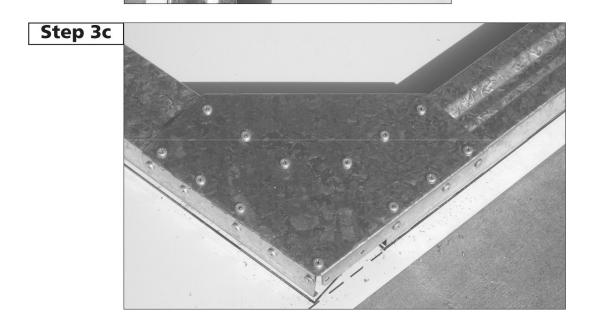
CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 3.

Join rafter to column with knee plate









4.48mW x 2.26mD x 2.00mH

CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

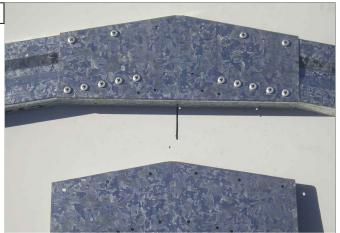
STEP 4.

Join both rafters using the apex plate

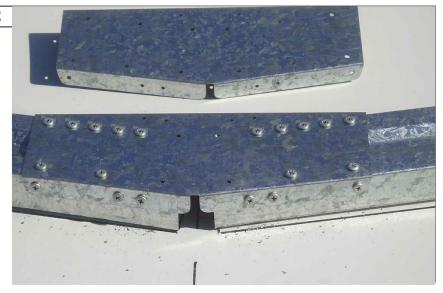
Step 4a



Step 4b



Step 4c





4.48mW x 2.26mD x 2.00mH

CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 5. Secure ridge plate (RBP)



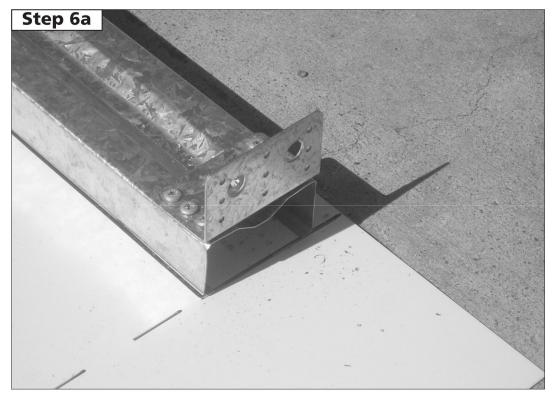


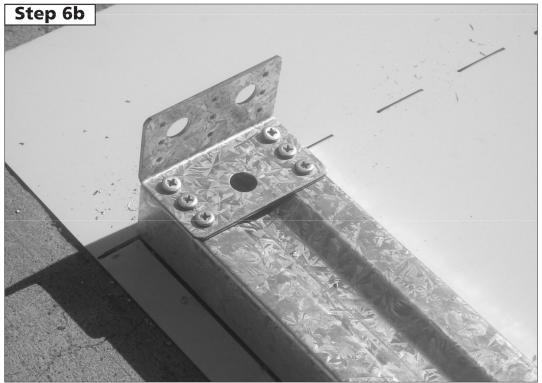


4.48mW x 2.26mD x 2.00mH

CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 6. Secure multi purpose brackets





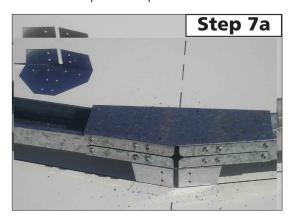


4.48mW x 2.26mD x 2.00mH

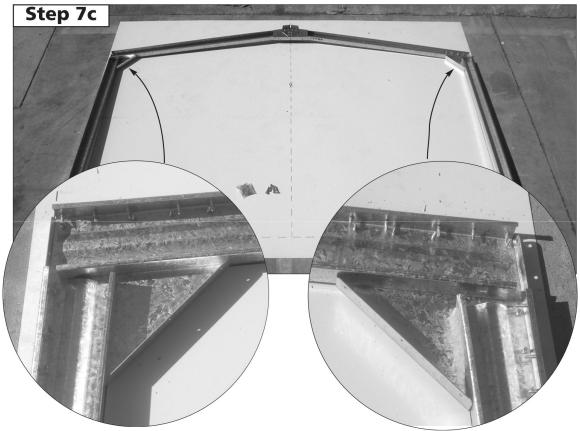
CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 7.

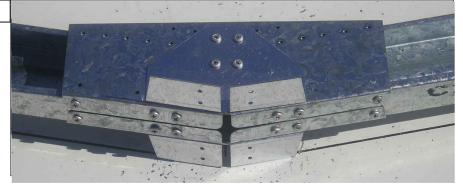
Turn frame over and repeat steps 4 and 5.







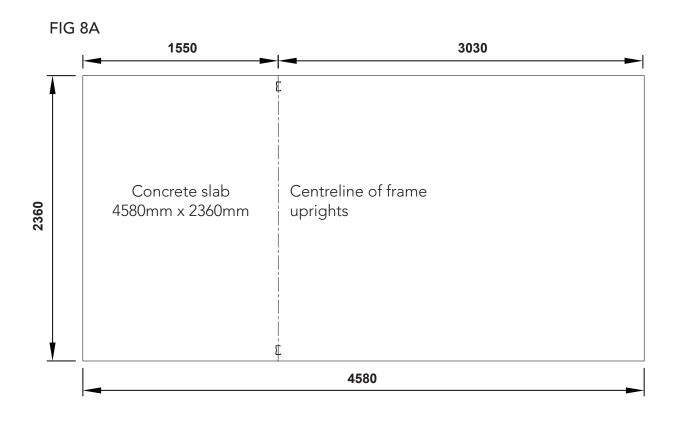
Step 7d

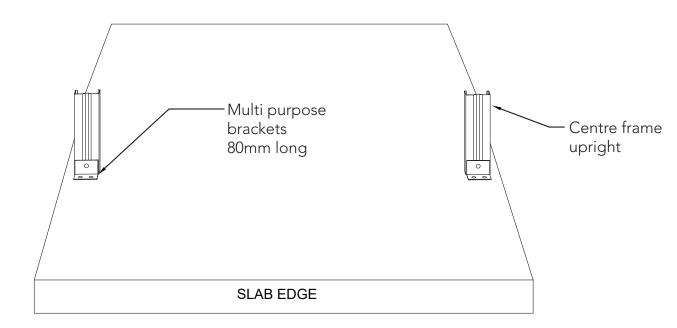




4.48mW x 2.26mD x 2.00mH

PORTAL FRAME DETAILS

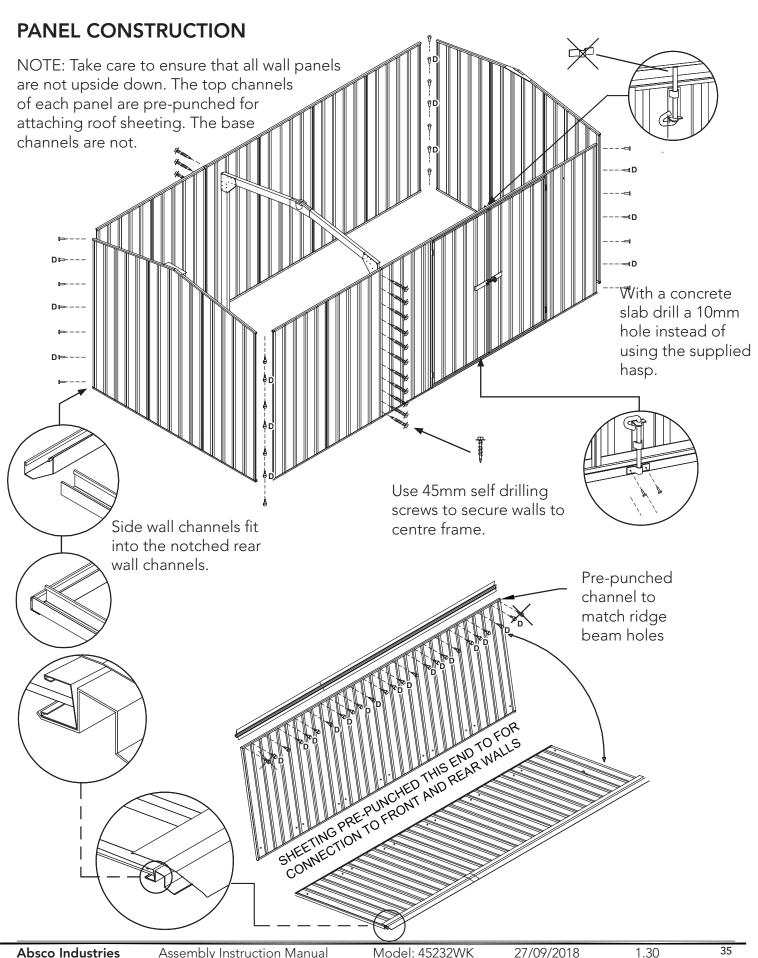




- Secure multipurpose brackets to uprights using self drilling screws
- Move frames into postion, mark and drill holes in slab using 10mm masonry drill bit
- Secure frames to slab with M10 dynabolts.



4.48mW x 2.26mD x 2.00mH



Model: 45232WK



4.48mW x 2.26mD x 2.00mH

ROOF CONSTRUCTION

STEP 1.

Secure peak brace to ridge beam and roof panel with one screw at each end, see **A** below.

STEP 2.

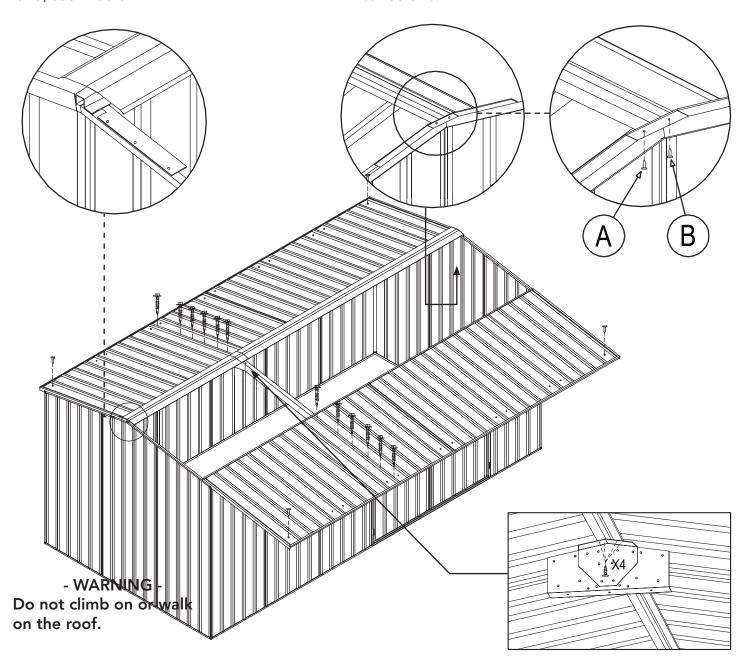
Move the other roof panel into position and secure peak brace to ridge beam and roof panel with one screw at each end, see **B** below.

STEP 3.

Secure both roof panels to the walls with one screw in each corner first, followed by two screws adjacent to the portal frame as shown.

STEP 4.

Secure roof panels to the top chords of the portal frame using 45mm self drilling tek screws.



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ANCHORING OF SHED

Location of 20 concrete

anchors.

4.48mW x 2.26mD x 2.00mH

Refer to section

PORTAL FRAME

for portal anchor

locations.

FINAL CONSTRUCTION

STEP 1.

Secure the roof panels to the wall panels as shown.

STFP 2.

Secure the roof panels to the internal frames with self drilling tek screws.

STFP 3.

Secure the portal frames to the ridge beam as detailed on the previous page.

STEP 4.

Bend the top and bottom flanges as shown, then hook the bottom flanges under the top channel and screw top to the ridge beam with two screws.

Each anchor consists of one nut, bolt, M10 dynabolt and steel angle.

Drill a 10mm hole into the wall sheet.

Drill a 10mm hole into the concrete.

* Denotes hot dip galvanised finish

Bolt and Nut*

M10 4.6/S

Steel Angle* 45 x 45 x 3EA 34LONG G450 2x 130 Ø Holes

M10 Dynabolt*

Model: 45232WK

Slab

Wall Sheet



4.48mW x 2.26mD x 2.00mH

Absco Large Gable Roof Shed Notes

General

- 1.G This instruction manual shall be read in conjunction with other consultants drawings, specifications and written instructions provided by Absco and/or their representatives.
- 2.G The drawings provided herein are for installation and structural engineering purposes only. If discrepancies are discovered within the documentation provided, these shall be brought to the attention of Absco and written approvals obtained prior to commencing the affected section of work.
- 3.G If in doubt ask.
- 4.G Until approvals from the local authorities are obtained, commencement of construction from these drawings shall not commence.
- 5.G Unless varied by the project specification, all materials and workmanship shall be undertaken in accordance with the relevant Australian standards and the by-laws and ordinances of the relevant building authorities.
- 6.G All dimensions indicated in these drawings shall be verified on site by the installation contractor. Scaling of drawings shall not be undertaken.
- 7.G Prior to commencing works on site, the contractor shall verify the position of all services in the area to ensure that the construction does not interfere with any of those services.
- 8.G During installation on site the shed structures shall be maintained in a stable condition with no part becoming overstressed or permanently deformed.
- 9.G In circumstances where the shed has been installed in a manner which is inconsistent with the installation manual, structural certification shall be void.
- 10.G The structural components detailed within this installation manual have been designed for the following loads in accordance with AS/NZS1170 based on a Class 10a, Type 2 structure:
- Roof Live Load: 0.25 kPa uniformly distributed or 1.1 kN concentrated as per AS/NZS1170.1

Wind Load: Classification N2, Non-Cyclonic to AS4055 where Vu = 40 m/s, Vs = 26 m/s

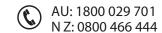
Windward wall Cpe = 0.7

Leeward Wall Cp, e = -0.3 to -0.5 as applicable based on shed geometry

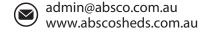
Side Wall Cp, e = -0.2 to -0.65 as applicable based on shed geometry

Roof Cp, e = -0.3 to -1.04 depending on wind direction





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4.48mW x 2.26mD x 2.00mH

Absco Large Gable Roof Shed Notes

Steelwork

- 1.S All structural steelwork shall have a corrosion protection system applied consistent with AS/NZS 2312-
- 2.S All structural steelwork detailed within this installation manual shall be minimum Grade 550 for roll formed sections (including roof and wall sheeting and portal frame members) and Grade 250 for angle sections.
- 3.S All multi purpose and anchor brackets for connection onto the supporting reinforced concrete slab (includes 45x45x3EA x 34mm long and 47x47x1.9EA x 80 long) shall be minimum Grade 450.
- 4.S All portal frame knee and apex plates shall be minimum Grade 450
- 5.S All roof, and wall sheeting shall be minimum base metal thickness of 0.3mm
- 6.S All portal frame members shall be minimum base metal thickness of 0.75mm.
- 7.S All snaptite channels and jambs shall be minimum base metal thickness of 0.42mm
- 8.S All top hats shall be minimum base metal thickness of 1.0mm
- 9.S All portal frame knee and apex plates shall be minimum base metal thickness 1.0mm
- 10.S All screw fasteners shall be Phil Pan Head Zinc Plated #8 x 3/4" (STP0820)
- 11.S All bolt fasteners for anchoring shall be M10 minimum grade 4.6/S
- 12.S Installation of screw fasteners shall generally be undertaken in accordance with the relevant provisions of AS1562.

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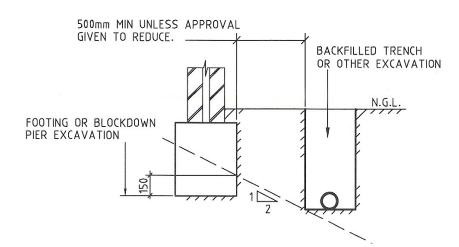


4.48mW x 2.26mD x 2.00mH

Absco Large Gable Roof Shed Notes

Supporting Slab and Foundations

- 1.F The supporting slab foundation for the garden shed shall be of a minimum size indicated on the installation manual. The top surface of the formed slab shall be level and free of any irregularities which would inhibit the installation of the shed.
- 2.F The structural engineering design for the supporting slab foundation shall be undertaken by a suitably qualified structural engineer. The design shall consider all relevant provisions of AS3600 and AS2870.
- 3.F Between adjacent footings or excavations, the contractor installing the slab foundation shall not exceed a rise of 1 in a run of 2 in line of slope.
- 4.F Unless approved in writing by the slab foundation engineer, the limits of excavations near existing footings shall be in accordance with that indicated below.



The contactor shall undertake investigatory localised excavations near existing footings to ascertain their depth prior to excavating adjacent to them. It is noted that excavating to a depth below that indicated above shall not be undertaken without the written approval from the engineer.

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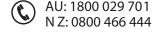
4.48mW x 2.26mD x 2.00mH

Absco Sheds Storage Guidelines

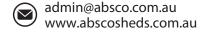
- Absco Sheds are designed to be weatherproof for normal weather conditions. In the event of extreme
 weather conditions such as heavy rain, combined with high wind gusts, the ridge capping, sheeting joins,
 screw fixings etc., may exhibit minor deformations which may allow some water entry. These areas should be
 checked regularly to ensure that maximum strength and protection is maintained.
- Other weather conditions such as extreme heat and extreme cold, moist or dry air can influence the effects of concrete floor moisture and/or condensation on the underside of the roof sheets.
- Absco Sheds and storage units are primarily used for storage of garden equipment such as lawnmowers, wheelbarrows, garden tools etc. Storage items that might be adversely affected by any of the above conditions may require additional protection such as being sealed or covered by plastic sheets and/or stacked above the concrete floor on timber slats.
- Waterproof sealants may be used to offer further protection where required around joins and screw fixings, as can rubber door seals and other products which are available from most hardware outlets.
- Placement of waterproof sealants (silicone) between the base of the shed and concrete slab is not recommended, as this process can have a reverse effect, preventing excess water from escaping, resulting with water accumulating and being trapped inside the shed.
- Absco accepts no responsibility for water entry, floor moisture, condensation or the condition of the Contents inside your Absco steel building arising from any of the pre-mentioned weather conditions.



6-12 Activity St, Acacia Ridge QLD 4110 PO Box 119, Acacia Ridge QLD 4110



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4.48mW x 2.26mD x 2.00mH

Australia Product Warranty Against Defects

- Absco Sheds, including garden sheds, garden beds, aviaries, storage units, garages, awnings and carports are made using high quality Australian made steel.
- We are pleased to advise we warrant that the steel coating will not rust, crack, flake peel or blister for 30 years from date of purchase, when installed within Australia.
- This warranty does not apply to surface deterioration of panels caused by 'Swarf" (Tiny particles of steel debris left from cutting, grinding or drilling operations) that has not been removed after building construction, or as a result of contact with damp soil, chemicals, fertilisers or other corrosive substances.
- This warranty covers any Absco product used for normal domestic use and installed in accordance with the installation instructions.
- The warranty does NOT cover Damage caused by storms, wind, rain snow or poor foundations.
- This warranty does NOT cover ABSCO products installed in severe coastal, industrial or other highly corrosive environments. The warranty does not cover fasteners (screws, nuts, bolts, rivets, hasps or sliding padbolts).
- The warranty is limited to replacement and delivery of components and does not include any labour or installation costs. The benefits given by the warranty are in addition to your other rights and remedies under a law in relation to the goods or services to which the warranty relates.
- The warranty applies to the exclusion of all other representations, guarantees or warranties express or implied, our goods come with guarantees that cannot be excluded under the Australian consumer law and is not transferable. You are entitled to a replacement or refund for a major failure and for compensation for any other foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of an acceptable quality and the failure does not amount to a major failure. For further information go to http://www.consumerlaw.gov.au
- Please retain a proof of purchase (sales docket or invoice) or register your warranty within 30 days of purchase here: www.absco.com.au/register_warranty.php
- In the unlikely event a warranty claim is made, it must be supported by photographic evidence and details of the defect, including component part numbers, together with proof of purchase documentation (or on-line registration of purchase) and forwarded to the address below. Upon receipt of the warranty claim, the Customer Service Manager will contact you within three business days to advise you of the assessment outcome of the claim, which may include your expenses incurred in making the claim.

THE CUSTOMER SERVICE MANAGER, ABSCO INDUSTRIES, PO BOX 119 ACACIA RIDGE QLD AUSTRALIA 4110

PHONE: 1800 029 701 FAX: 07 3344 1191 EMAIL: warranty@absco.com.au

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