



SITE PREPARATION

- Local council approval must be obtained prior to construction of the carport. Once
 you have selected your site you will need to create and lodge a site plan to your
 local council or certifier. You will also have to attach a copy of the engineering
 drawings at the back of these instructions to your site plan.
- The site for the carport must be level, refer to concrete and foundation notes on engineers drawing 06205-003-CP03.

GENERAL INSTRUCTIONS

- Before commencing any assembly, read through these instructions and engineers drawings in detail to gain a thorough understanding of assembly methods and associated details.
- Some components have been pre-punched. Some 10mm holes will still have to be drilled. It may be easier to drill a small pilot hole first.
- Measure, and check off all components using the parts lists on the following pages prior to commencement. To prevent damage in transit, some components may be packed inside others, almost hidden. Carefully examine inside each component to ensure that you have located every item. If a discrepancy is found, contact Absco industries immediately.

SPIRIT LEVEL

- SPANNERS
- 10mm MASONARY DRILL BIT
- TAPE MEASURE
- CLAMP OR VICE GRIPS
- HACKSAW

TOOLS REQUIRED











A NOTE ON SAFETY

- 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.
- It is highly recommended to erect the carport with at least two or more people.









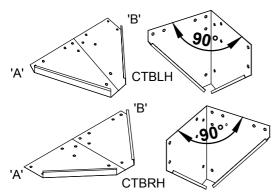




COMPONENTS PACKING LIST - CHECK OFF ALL COMPONENTS

	CPSW50 SINGLE CARPORT FRAME COMPONENTS						
QTY	COMPONENT DESCRIPTION	PART No.	CHECK	QTY	COMPONENT DESCRIPTION	PART No.	СНЕСК
2	EDGE BEAM L= 3000	EB		2	EDGE BEAM LEFT HAND L= 2750	EBLH	
2	EDGE BEAM RIGHT HAND L= 2750	EBRH		6	EDGE BEAM SPLICE PLATE L= 608	EBSP	
3	CROSS BEAM L= 2720	СВ		2	CROSS BEAM L= 2850	СВ	
3	COLUMN TOP BRACKET LEFT HAND	CTBLH		3	COLUMN TOP BRACKET RIGHT HAND	CTBRH	
4	30 x 30 ANGLE ROOF BRACE L=920	ARB 920		2	30 x 30 ANGLE ROOF BRACE L=855	ARB 855	
4	65 x 65 x 2.5 STEEL COLUMN L = 2250	RHS		2	65 x 65 x 2.5 STEEL COLUMN L = 2200	RHS	
8	STEEL SHEET L= 2820	SHEET					

BEND COLUMN TOP BRACKETS (CTBLH & CTBRH)



BEND EACH COLUMN TOP BRACKET ALONG THE SLOTTED CENTRE LINE, SIMPLY BY HOLDING THE BRACKETS AT POINTS A & B AS SHOWN.

APPLY SUFFICIENT PRESSURE TO FORM A 90 DEGREE ANGLE ALONG THE BEND LINE.

ENSURE THAT THE EXISTING PRE-FOLDED EDGES ALWAYS FACE INWARDS. THE END RESULT WILL GIVE YOU TWO LEFT HAND AND TWO RIGHT HAND BRACKETS.



COMPONENTS PACKING LIST - CHECK OFF ALL COMPONENTS

	CPSW50 SING	LE C	ARPOF	RT FI	RAME ACCESSO	RIES	
QTY	COMPONENT DESCRIPTION	PART No.	CHECK	QTY	COMPONENT DESCRIPTION	PART No.	CHECK
4	JOINER ANGLE 50 x 50 L = 45mm (EDGE BEAM INNER CORNER CONNECTOR)	JA-1		4	JOINER ANGLE 50 x 50 L = 100mm (EDGE BEAM OUTER CORNER CONNECTOR)	JA-2	
8	JOINER ANGLE 100 x 50 L = 50mm (MID CROSS BEAM TO EDGE BEAM CONNECTOR)	JA-3		4	50mm JOINER PLATE L = 100mm (BACKING SUPPORT PLATE FOR JA-3)	JP	
12	75 x 75 ANGLE COLUMN BASE BRACKET L= 65mm (CONNECT COLUMNS TO CONCRETE)	CBB		12	25mm WIDE FLAT STRIPS L = 270mm (FOLD FOR LATER USE AS ROOF BRACKETS)	RB	
2	25mm WIDE FLAT STRIPS L = 270mm (FOLD FOR LATER USE AS DOWNPIPE STRAPS)	DS		1	50mm PVC DOWNPIPE L = 1880mm	DP-1	
1	50mm PVC DOWNPIPE L = 900mm	DP-2		2	50mm PVC DOWNPIPE 90° bend	DP-3	
1	50mm PVC DOWNPIPE 45° bend	DP-4		1	50mm ROUND GALV. GUTTER DROP FOR DOWNPIPE	DP-5	

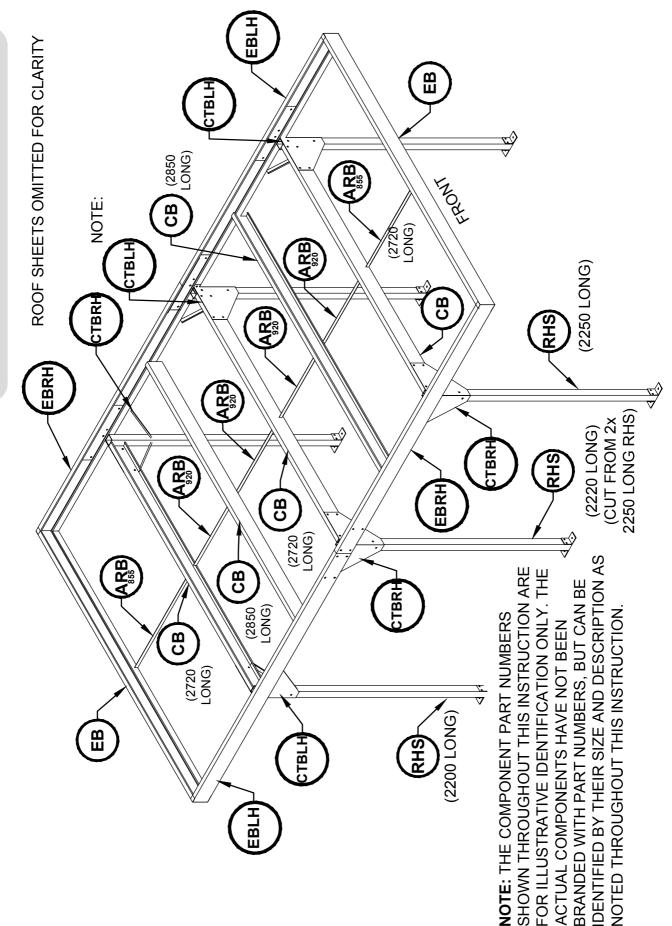


COMPONENTS PACKING LIST - CHECK OFF ALL COMPONENTS

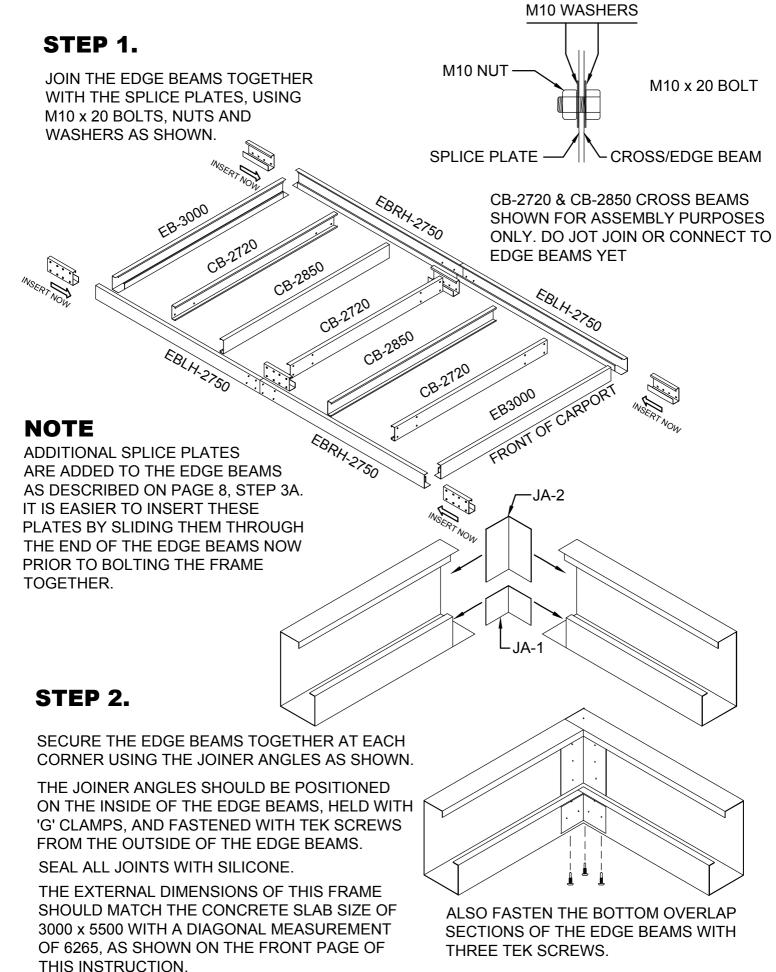
CI	CPSW50 SINGLE CARPORT FRAME ACCESSORIES (CONT.)				
QTY	COMPONENT DESCRIPTION	CHECK	QTY	COMPONENT DESCRIPTION	СНЕСК
12	12mm DYNABOLTS		120	NEOPREHNE WASHERS	
200	10mm x 16mm WAFER HEAD SELF DRILLING TEK SCREWS		280	WASHERS	
24	10mm x 80mm BOLTS & NUTS		1	ASSEMBLY INSTRUCTIONS	
120	10mm x 20mm BOLTS & NUTS				



CARPORT COMPONENTS



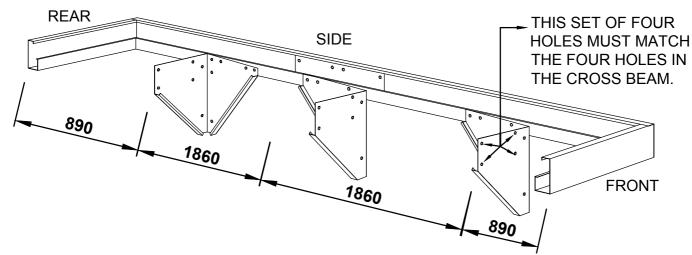






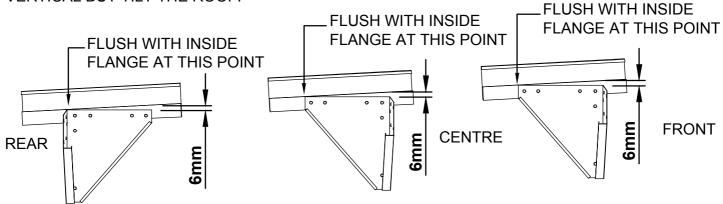
STEP 3.

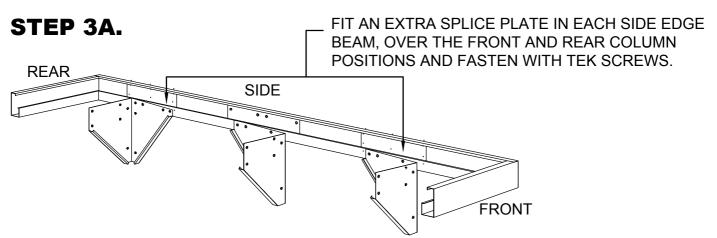
MARK OFF THE SIDE BEAMS TO THE DIMENSIONS SHOWN BELOW. THESE ARE THE POSITIONS FOR LOCATING THE COLUMN TOP BRACKETS, TO WHICH THE COLUMNS AND CROSS BEAMS WILL BE LATER CONNECTED.



THE REAR RHS COLUMNS ARE 50mm SHORTER THAN THE FRONT RHS COLUMNS. THIS PRODUCES ABOUT A ONE DEGREE FALL IN THE ROOF, TO ALLOW RAINWATER TO FLOW TO THE REAR DOWNPIPE.

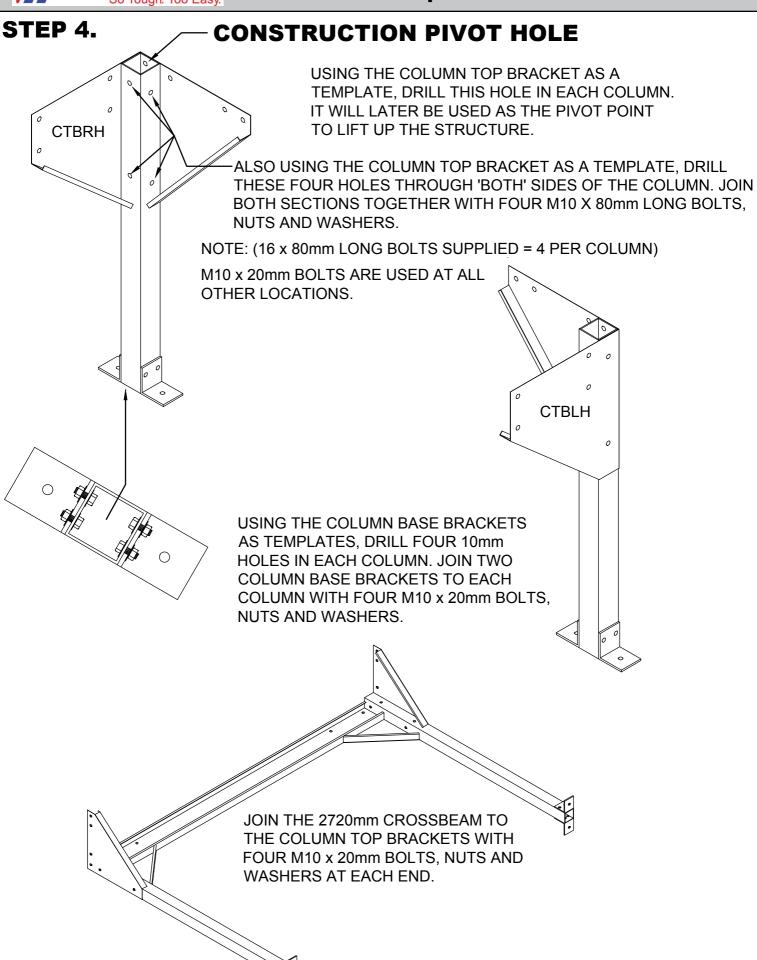
THEREFORE, TO ENSURE THAT THE COLUMNS WILL REMAIN VERTICAL WHEN THE STRUCTURE IS RAISED, EACH COLUMN TOP BRACKET MUST BE OFFSET BY 6mm AS SHOWN BELOW. YOU CAN SEE BELOW HOW THE END RESULT WILL KEEP THE COLUMNS VERTICAL BUT TILT THE ROOF.





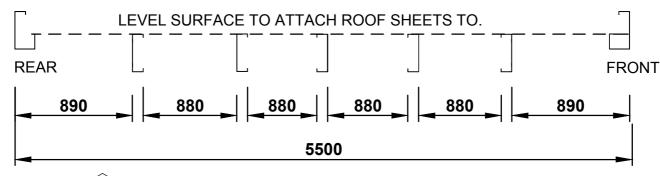
MARK THE HOLE POSITIONS FOR THE FOUR HOLES TO BE DRILLED IN THE BEAMS AT EACH LOCATION, AND DRILL 10mm HOLES. DO NOT FASTEN THE COLUMN TOP BRACKETS TO THE EDGE BEAMS AT THIS STAGE.

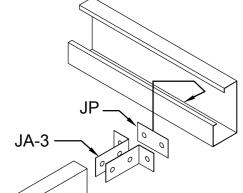






STEP 5. MARK THE POSITIONS FOR THE REMAINING CROSS BEAM ON THE EDGE BEAMS.

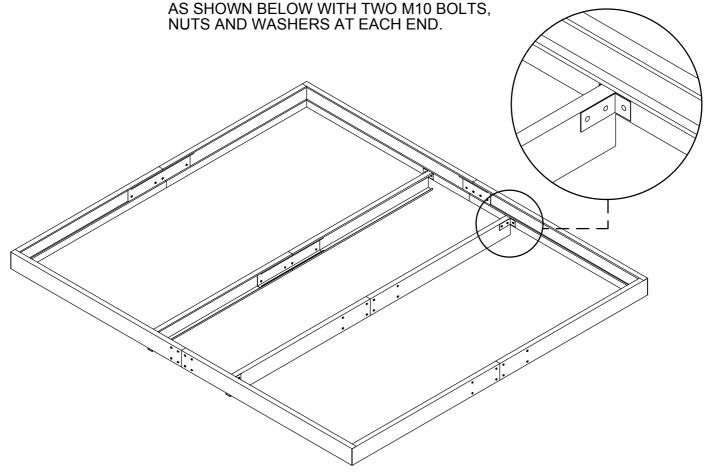




CB-2850

USING THE JA-3 JOINER ANGLE AS A TEMPLATE, DRILL TWO 10mm HOLES IN EACH END OF THE CROSS BEAM. SECURE TWO JA-3 JOINER ANGLES TO EACH END OF THE CROSS BEAM WITH TWO M10 x 20mm BOLTS, NUTS AND WASHERS. THE JOINER ANGLES SHOULD BE FLUSH WITH THE TOP OF THE CROSS BEAM TO ACHIEVE A LEVEL SURFACE TO ATTACH THE ROOF SHEETS TO.

POSITION THE JOINER PLATE (JP) ON THE EDGE BEAM TO THE DIMENSIONS SHOWN ABOVE, AND DRILL TWO 10mm HOLES IN THE EDGE BEAM. MOVE THE JOINER PLATE TO THE INSIDE OF THE EDGE BEAM, TO ACT AS A LARGE WASHER FOR THE BOLTS. SECURE THE CROSS BEAMS TO THE EDGE BEAMS

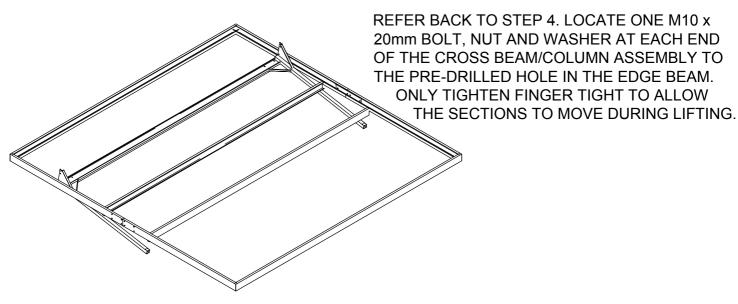


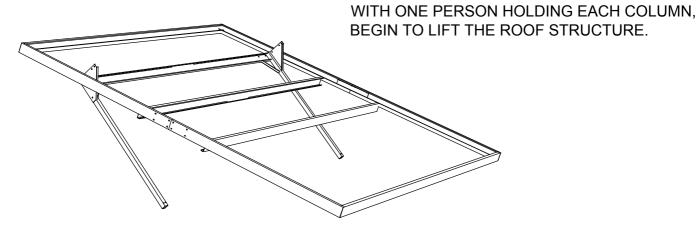


STEP 6.

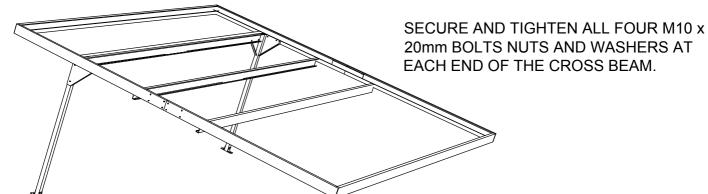
YOU WILL REQUIRE ASSISTANCE FROM ANOTHER PERSON TO LIFT THE ROOF STRUCTURE UP.



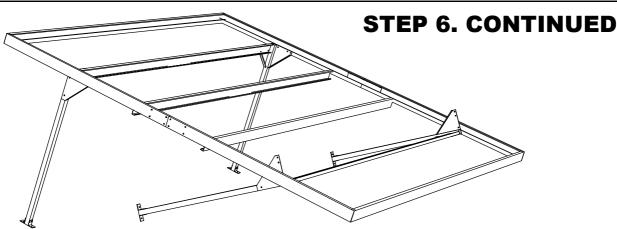




CONTINUE LIFTING THE ROOF STRUCTURE UNTIL A SECOND BOLT CAN BE FASTENED TO THE COLUMN TOP BRACKET AND EDGE BEAM.





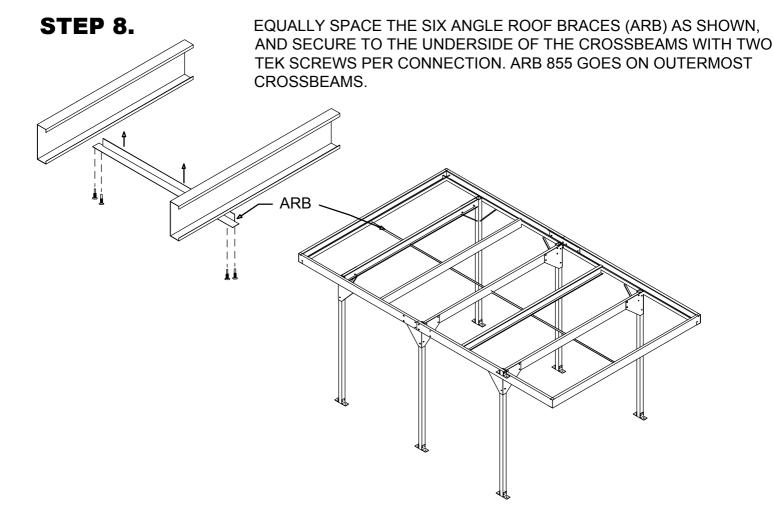


REPEAT THE LIFTING PROCEDURE FOR THE FRONT CROSS BEAM ASSEMBLY. WITH THE STRUCTURE NOW STANDING, POSITION AND SECURE THE CENTRE CROSS BEAM ASSEMBLY.

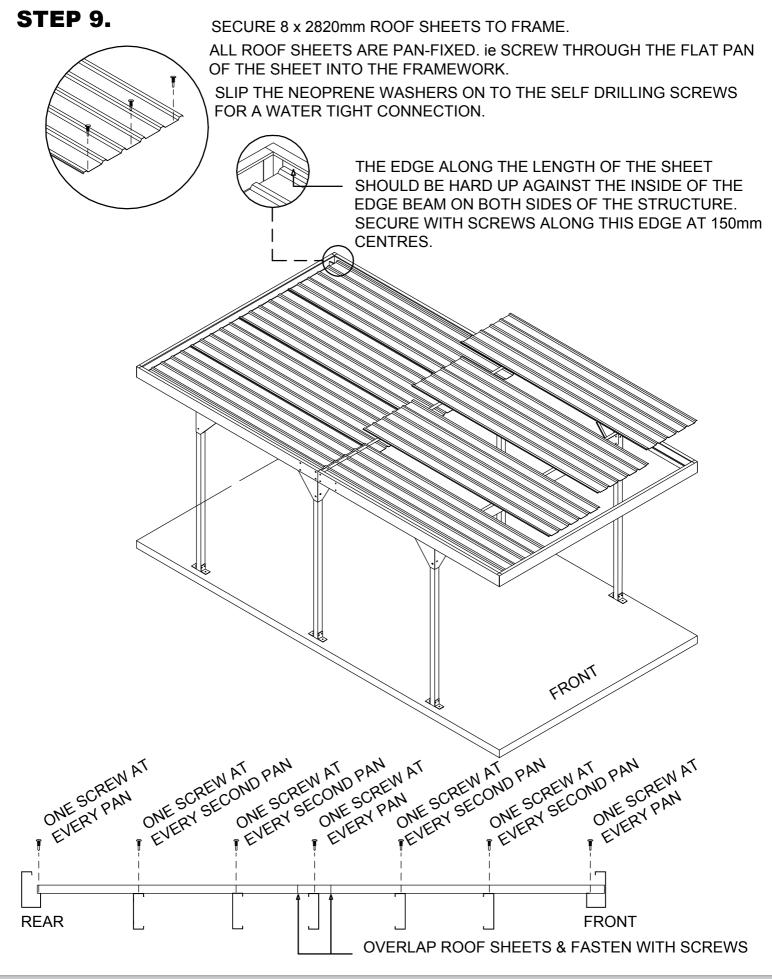
DOUBLE CHECK TO ENSURE THAT ALL BOLTS AND NUTS (INCLUDING SPLICE PLATE CONNECTIONS) ARE STILL FULLY TIGHTENED. IT IS ALSO VERY IMPORTANT (ALTHOUGH AWKWARD) TO ENSURE THAT THE BOLTS SECURING THE BASE BRACKETS TO THE COLUMNS ARE VERY TIGHT, TO REDUCE THE AMOUNT OF SWAY IN THE STRUCTURE.

STEP 7.

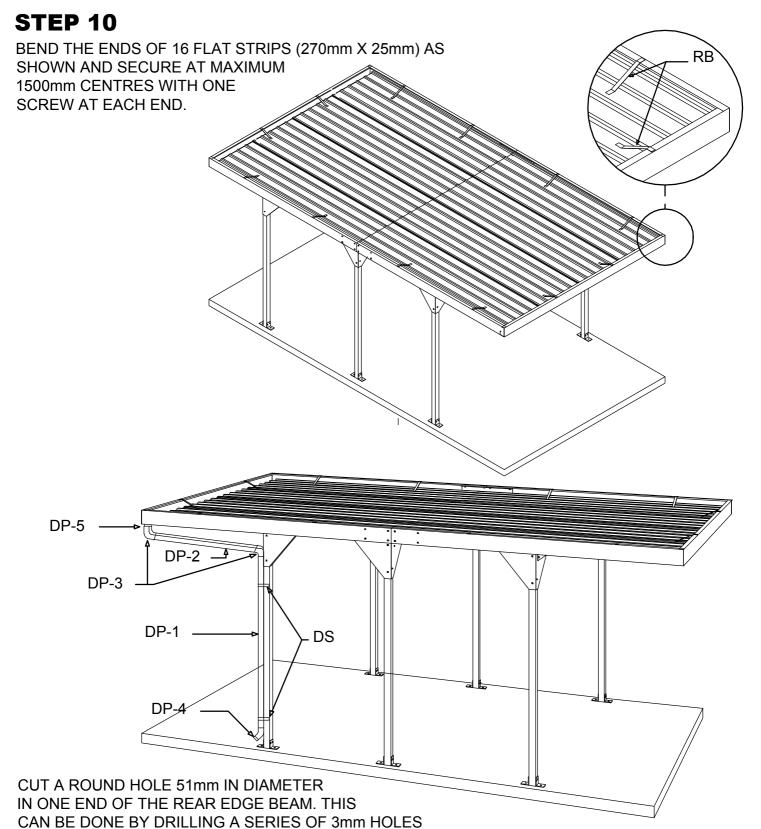
TO THE DIMENSIONS SHOWN ON THE FRONT PAGE OF THIS INSTRUCTION, SECURE THE FRAME TO THE CONCRETE SLAB WITH THE M12 DYNABOLTS PROVIDED. YOU WILL REQUIRE AN M12 MASONRY DRILL BIT TO DRILL INTO THE CONCRETE.









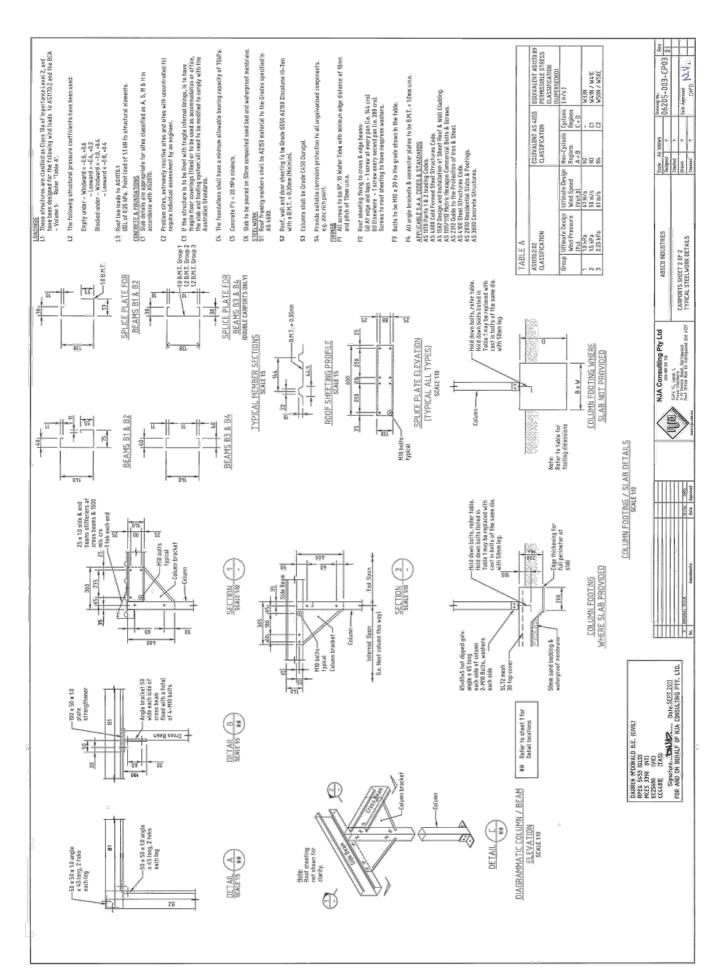


AND THEN PUNCHING OUT THAT SECTION. FIT THE GALVANISED GUTTER DROP AND SEAL WITH SILICONE. FASTEN THE DOWNPIPES AND BENDS AS SHOWN. BEND THE 270 \times 25 FLAT STRIPS (DS) TO SHAPE AND FASTEN THE DOWNPIPE TO THE COLUMNS.

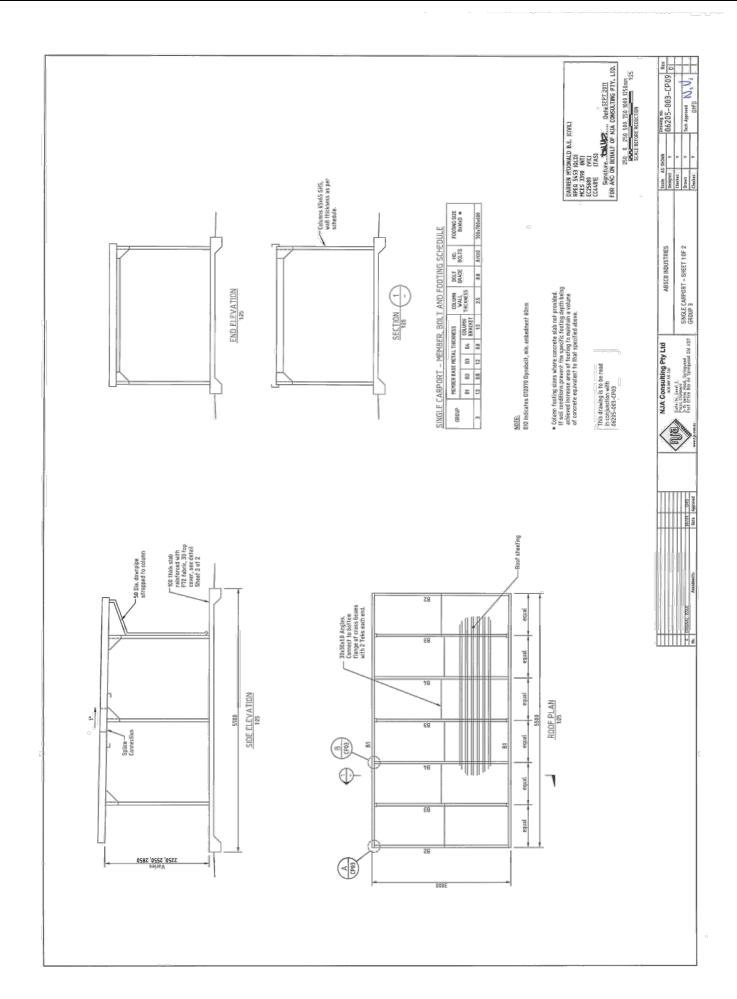
IMMEDIATE MAINTENANCE:

CLEAN DOWN ALL ROOF AND EDGE/CROSS BEAM INTERNAL AREAS. METAL FILINGS FROM DRILLING HOLES AND USING SELF DRILLING SCREWS CAN CAUSE DISCOLORATION AND CORROSION TO ROOF SHEETS AND GALVANIZED FRAMING SECTIONS.













Department of Housing and Public Works

Form 15—Compliance certificate for building design or specification Version 4 – July 2017

NOTE: This is to be used for the purposes of section 10 of the *Building Act 1975* and/or section 46 of the *Building Regulation 2006.*

RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the Queensland Development Code (QDC). A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.

cot and plan details (attach list if necessary) physics of the applicable. Lot and plan details (attach list if necessary) in which local government area is the land situated? Lot and plan details (attach list if necessary) in which local government area is the land situated? In which local government area is the land situated? In which local government area is the land situated? In which local government area is the land situated? ABSCO standard range of kit-form garages, carports, awnings. Basis of certification eland the extent to which express the entrol beams. Basis of certification eland the extent to which express the entrol beams. Basis of certification eland the basis for giving the entificate and the extent to which express the entrol beams. Basis of certification eland the extent of province and other ublications, were relied upon. The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions. NCC - Building Code of Australia (2016) – Volume 2 – Class 1 and Class 10 Buildings AS1170.1-2002 - Structural design actions Part 1 General Principles AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS11	.Property description	Street address (include no., street, suburb/locality and postcode)
postcode positive and to patio and apport systems this section any not be policable. In which local government area is the land situated? In which local government area is the land situated situated? In which local government area is the land situated	his section need only be completed if etails of street address and property escription are applicable.	
In which local government area is the land situated? In which local government area is the land situated are better the local government area is the land s	E.g. in the case of (standard/generic) pool design/shell manufacture and/or patio and carront systems this section may not be	
In which local government area is the land situated? In which local government area is the land situa	applicable.	Lot and plan details (attach list if necessary)
The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions, were relied upon. ABSCO standard range of kit-form garages, carports, awnings. ABSCO kit-form buildings has been undertaken in accordance with the following design conditions. AS1170.0-2002 - Structural design actions Part 0 General Principles AS1170.0-2002 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.0-2001 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2	The description must identify all land the subject of the application.	In which local novernment area is the land situated?
ABSCO standard range of kit-form garages, carports, awnings.		III Willow local government area to the fail a studies i
ABSCO standard range of kit-form garages, carports, awnings. ABSCO standard range of kit-form garages, carports, awnings. Basis of certification Detail the basis for giving the sertificate and the extent to which ests, specifications, rules, standards, codes of practice and other publications, were relied upon. The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions. NCC - Building Code of Australia (2016) – Volume 2 – Class 1 and Class 10 Buildings AS1170.1-2002 - Structural design actions Part 0 General Principles AS1170.2-2011 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.3-2003 - Snow Loads AS3600 - 2009 - Concrete Structures AS4405 - 2012 - Wind loads for Housing AS4405 - 2012 - Wind loads for Housing AS2870 - 2011 - Residential Slabs and Footings – Construction. Ramset - Specifiers Resource Book Buildex Fasteners - Technical Specification Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide. Test results available on request.	f the plan is not registered by title, provide previous lot and plan details.	
As a sist of certification Detail the basis for giving the sectificate and the extent to which ests, specifications, rules, standards, codes of practice and other publications, were relied upon. NCC - Building Code of Australia (2016) – Volume 2 – Class 1 and Class 10 Buildings NCC - Building Code of Australia (2016) – Volume 2 – Class 1 and Class 10 Buildings AS1170.0-2002 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.1-2002 - Structural design actions Part 2 Wind Actions AS1170.3-2003 - Snow Loads AS3600 - 2009 - Concrete Structures AS4100 - 1998 - Steel Structures AS4600 - 2005 - Cold-formed Steel Structures AS4805 - 2012 - Wind loads for Housing AS4800 - 2011 - Residential Slabs and Footings – Construction. Ramset - Specifiers Resource Book Buildex Fasteners - Technical Specification Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide. Test results available on request.	2. Description of component/s certified Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the	ABSCO standard range of kit-form garages, carports, awnings.
	3. Basis of certification Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.	 undertaken in accordance with the following design conditions. NCC - Building Code of Australia (2016) – Volume 2 – Class 1 and Class 10 Buildings AS1170.0-2002 - Structural design actions Part 0 General Principles AS1170.1-2002 - Structural design actions Part 1 Permanent, imposed and other actions AS1170.2-2011 - Structural design actions Part 2 Wind Actions AS1170.3-2003 - Snow Loads AS3600 - 2009 - Concrete Structures AS4100 - 1998 - Steel Structures AS4005 - 2012 - Wind loads for Housing AS4600 - 2005 - Cold-formed Steel Structures AS2870 - 2011 - Residential Slabs and Footings – Construction. Ramset - Specifiers Resource Book Buildex Fasteners - Technical Specification Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide. Test results available on request.
	LOCAL GOVERNMENT USE ONLY	



4. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

NJA Consulting Pty Ltd Drawings:

Carports: Drawings: 06205-003-CP01, CP02A, CP03 to CP06, CP07A,

CP08, CP09

Awnings: Drawings: 06205-003-AW01A, AW02A, AW05

Garages: Drawings: 06205-003-GR01A, 02A, 03B to 11B, 12A, 13B,

14A, 15B

Connections Drawings: 06205-003-CN01

Scope or Limitations

This certificate relates to the structural aspects of the building only.

The slab and footings nominated on the drawings are suitable for class A, S, M & H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range ie class H, E and P sites.

The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed in accordance with these documents.

The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2011.

The following criteria are applicable to structure wind loads:

Structure Importance Level: 2 Annual probability of exceedance: 1:500 Topographic Classification: T1

Internal Pressure Coefficients
N2, N3 garages: +0.2, -0.3 (non-cyclonic)
C1 garages: +0.7, -0.65 (cyclonic)

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T1, for the relevant wind region.

NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

This certificate shall not be construed as relieving any party of their contractual responsibilities, and is valid until 8 October 2018. Beyond this date the certification will be carried by another engineering consultant.

5.	Building	certifier	reference
	number		

Building cer	tifier referer	ce number		



6. Competent person details	Name (in full)					
A competent person for building work, means a person who is assessed by the building certifier	Darren John McDonald					
for the work as competent to practice in an	Company name (if applicable)	Contact person				
aspect of the building and specification design, of the building work because of the individual's	NJA Consulting Pty Ltd					
skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect. If no relevant law requires the individual to be	Phone no. (business hours) Mobile no.	Fax no.				
	Email address					
if no relevant law requires the individual to be licensed or registered to be able to give the	admin@nja.com.au					
help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help.	Postal address					
	PO Box 64					
f the chief executive issues any guidelines for assessing a competent person, the building	Springwood QLD	Postcode 4127				
certifier must use the guidelines when	Licence or registration number (if applicable)					
assessing the person.	RPEQ 5453					
7.Signature of competent	Signature	Date				
person This certificate must be signed by the individual assessed by the building certifier as competent.	for and on behalf of NJA Consulting Pty Ltd	10 April 2017				

The Building Act 1975 is administered by the Department of Housing and Public Works



12206-003-DMCD

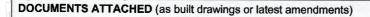
3 May 2017

ABSCO

PO Box 119 ACACIA RIDGE QLD 4110

STRUCTURAL CERTIFICATION OF ABSCO PRODUCT RANGE

We refer to above matter. We hereby certify that the range of ABSCO products indicated on the drawings listed below are structurally satisfactory in accordance with the Australian Standards outlined in the Design Certificate Criteria section of this certificate.



This certificate covers the full range of ABSCO products as outlined on the following drawings:

NJA Consulting Pty Ltd Drawings:

Garden Sheds:

Drawings: 06205-003-GS01C, GS02C, GS03B, GS04B, GS05A,

GS06A, GS07A, GS08B, GS09 to GS11, GS12A, GS13B, GS14C, GS15,

GS16B, GS17.

Carports:

Drawings: 06205-003-CP01, CP02A, CP3 to CP06, CP07A, CP08, CP09

Drawings: 06205-003-GR01A, GR02A, GR03B to GR11B, GR12A,

Awnings

Drawings: 06205-003-AW01A, AW02A, AW05

Garages GR13B, GR14A, GR15B

Connections

Drawings: 06205-003-CN01

Other Related Documents:

PI INSURANCE CERTIFICATE (attached)

DESIGN CERTIFICATE CRITERIA

The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions.

- Building Code of Australia Volume 2 (2016) Class 1 and Class 10 Buildings
- AS1170.0-2002 Structural design actions Part 0 General Principles
- AS1170.1-2002 - Structural design actions Part 1 Permanent, imposed and other actions
- AS1170.1-2011 Structural design actions Part 2 Wind Actions
- AA AS1170.3-2003 - Snow Loads
- AS3600 2009 Concrete Structures
- AAA AS4100 - 1998 - Steel Structures
- AS4055 2012- Wind loads for Housing
- AS4600 2005 Cold-formed Steel Structures
- AS2870 2011 Residential Slabs and Footings Construction.
- AA Ramset - Specifiers Resource Book
- Á Buildex Fasteners - Technical Specification
- Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide.

Class of Building (BCA): 10a

Building Importance Level: (BCA Table B1.2a): 2 Annual Probability of Exceedance for wind: 1 in 500



NJA Consulting Pty Ltd ACN 089 515 720

Suite 14, Level 1 Plaza Chambers 3-15 Dennis Road PO Box 64 Springwood QLD 4127

(07) 3208 4755 (07) 3208 1822 Email admin@nja.com.au Web www.nja.com.au





COMMENTS / EXCLUSIONS (Exclusions to this Certificate must be clearly identified).

This certificate relates to the structural aspects of the building only.

> The slab and footings nominated on the drawings are suitable for class A, S, M & H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range ie class H, E and P sites. The founding material shall have a minimum safe bearing capacity of 75kPa.

The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed strictly in accordance with

these documents.

The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2011.

The following criteria are applicable to structure wind loads:

Structure Importance Level: 2

Annual probability of exceedance: 1:500

Topographic Classification: T0 and T1 (ref AS4055) generally flat site with ground slope up to 1 in 10

Internal Pressure Coefficients N2, N3 garages: +0.2, -0.3 (non-cyclonic)

C1 garages: +0.7, -0.3 (cyclonic)
Garden Sheds: 0.0, -0.2 (all regions)

Garden sheds are considered to be effectively sealed during major wind events. Roller doors are excluded from certification, and are assumed to have blown in during cyclonic wind events.

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T0 or T1, for the relevant wind region. NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

- All glazed windows and doors to be designed and certified by window manufacturer. The glazing shall be designed to the Wind Classification System specified above, as defined in AS4055-1992. The glazing manufacturer shall satisfy the requirements of AS2047 for the specified Wind Classification System. The wind classification system has been determined on the basis of the following additional assumptions:-
- Flat site. Where the site is not generally flat (i.e. average slope steeper than 1:10), advise the certifying
 engineer for a possible reclassification of the glazing requirements.
- > This certificate shall not be construed as relieving any party of their contractual responsibilities.
- NJA have prepared a range of engineering drawings for ABSCO garden sheds, GS01 to GS16 inclusive. These drawings nominate the maximum size garden shed structure, in length, width, and height permissible for each shed design. NJA acknowledge that for each garden shed design, as detailed on engineering plans GS01 to GS16 inclusive, that garden shed structures smaller in size are acceptable, providing that all structural elements are fully adhered to, including internal steel framework, which can be proportionately reduced in size and spacing, in accordance with the reduced garden shed size.

Yours faithfully

MOD.

Darren McDonald B.E. (Civil) RPEQ
Senior Structural Engineer - Director
For an on behalf of NJA Consulting Pty Ltd



Building Act 1993 Building Interim Regulations 2017

REGULATION 1507: CERTIFICATE OF COMPLIANCE - DESIGN

Building Certifier or Local Authority (applicant to complete)

Relevant building surveyor:

Postal address:

Postcode:

From

Building practitioner: Darren McDonald

Category and class: Engineer - Civil Registration No: EC 25680

Postal address: PO Box 64 Springwood QLD

Postcode: 4127

Property details (applicant to complete)

Number:

Street/road:

City/suburb/town:

Lot/s:

LP/PS:

Volume:

Folio:

Crown allotment:

Section:

Parish:

County:

Municipal District:

COMPLIANCE

I did prepare the design and I certify that the part of the design described as ABSCO garages, carports and awnings comply with the following provisions of the Regulations.

- NCC Building Code of Australia (2016) Volume 2 Class 1 and Class 10 Buildings
- AS1170.0-2002 Structural design actions Part 0 General Principles
- AS1170.1-2002 Structural design actions Part 1 Permanent, imposed and other actions
- AS1170.1-2011 Structural design actions Part 2 Wind Actions
- AS1170.3-2003 Snow Loads
- AS3600 2009 Concrete Structures
- AS4100 1998 Steel Structures
- AS4055 = 2012 Wind loads for Housing
- AS4600 2005 Cold-formed Steel Structures
- AS2870 2011 Residential Slabs and Footings Construction.
- Ramset Specifiers Resource Book
- Buildex Fasteners Technical Specification
- Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide.



NJA Consulting Pty Ltd ACN 089 515 720

Suite 14, Level 1 Plaza Chambers 3-15 Dennis Road PO Box 64 Springwood QLD 4127

Ph (07) 3208 4755 Fax (07) 3208 1822 Email admin@nja.com.au

Web www.nja.com.au



CARPORT MODEL: CPSW50



DESIGN DOCUMENTS

Dated: OCTOBER 2006 REV: 0 UNO NJA Consulting Pty Ltd Drawings

Drawings: 06205-003-CP01, CP02A, CP03 to CP06, CP07A, CP08, CP09 Carports:

Drawings: 06205-003-AW01A, AW02A, AW05 Awnings:

Drawings: 06205-003-GR01A, 02A, 03B to 11B, 12A, 13B, 14A, 15B Garages:

Drawings: 06205-003-CN01 Connections

Date: Prepared by: Specifications: N/A Prepared by: Date: Computations: N/A Date: Prepared by: Test reports: N/A Date: Prepared by: Other Documentation: N/A

SCOPE OR LIMITATIONS

This certificate relates to the structural aspects of the building only.

The slab and footings nominated on the drawings are suitable for class A, S, M & H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range ie class H, E and P sites. The founding material shall have a minimum safe bearing capacity of 75kPa.

The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed strictly in accordance with

these documents.

The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2002.

The following criteria are applicable to structure wind loads:

Structure Importance Level: 2 Annual probability of exceedance: 1:500

Topographic Classification: T1

N2, N3 garages: +0.2, -0.3 (non-cyclonic) Internal Pressure Coefficients:

C1 garages: +0.7, -0.65 (cyclonic)

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T1, for the relevant wind region. NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

This certificate shall not be construed as relieving any party of their contractual or duty of care responsibilities, and is valid until 08 October 2018. Beyond this date the certification is to be carried by another consultant.

Signature

Date: 10 April 2018

for and on behalf of NJA Consulting Pty Ltd



Our Ref: 12206-003: DMCD



4 February 2016

ABSCO PO Box 119 ACACIA RIDGE QLD 4110

Attn: Ms Lisa Holtby

Dear Lisa

NJA Consulting Pty Ltd ACN 089 515 720

Suite 14, Level 1 Plaza Chambers 3-15 Dennis Road PO Box 64 Springwood QLD 4127

Ph (07) 3208 4755 Fax (07) 3208 1822 Email admin@nja.com.au Web www.nja.com.au

ABSCO KIT-FORM BUILDING PRODUCTS - REGULATION 88 - CERTIFICATE OF INDEPENDENT TECHNICAL EXPERT

We refer to the above matter.

We advise that NJA Consulting have been providing structural engineering certification services to ABSCO since 2006.

The current structural designs were originally prepared and certified by Cardno prior to NJA being engaged as the structural engineering certifier for ABSCO. The structural design verification process was undertaken by NJA Consulting based on the Cardno designs prior to providing certification services.

The structural design verification process has been undertaken, which complies with the following Australian standards and design conditions:

- NCC Building Code of Australia (2015) Volume 2 Class 1 and Class 10 Buildings
- AS1170.0-2002 Structural design actions Part 0 General Principles
- AS1170.1-2002 Structural design actions Part 1 Permanent, imposed and other actions
- AS1170.1-2011 Structural design actions Part 2 Wind Actions
- AS3600 2009 Concrete Structures
- AS4100 1998 Steel Structures
- AS4055 2012 Wind loads for Housing
- AS4600 2005 Cold-formed Steel Structures
- AS2870 2011 Residential Slabs and Footings = Construction.
- Ramset Specifiers Resource Book
- Buildex Fasteners Technical Specification
- Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide.

The current product range was originally indicated on Cardno drawings as follows:

Sheds/Garages: 1685/11/01-045, 049 to 050, 200 to 211, 224 to 227

Garden Sheds: 1685/11/01-017 to 019, 028, 031, 038, 039, 040, 055, 056, 059, 062

Awnings: 1685/11/01-060, 063, 231, 232

Carports: 1685/11/01-041 to 044, 051, 052, 100, 101





The ABSCO product range is currently indicated on NJA drawings as follows:

Garden Sheds: 06205-003-GS01C, GS02C, GS03B, GS04B, GS05B, GS06A, GS07A, GS08B,

GS09 to GS11, GS12B, GS13B, GS14C, GS15, GS16C, GS17

Carports: 06205-00

06205-003-CP01, CP02A, CP03 to CP06, CP07A, CP08, CP09

Awnings:

06205-003-AW01A, AW02A, AW05

Garages:

06205-003-GR01A, 02A, 03B to 11B, 12A, 13B, 14A, 15B

Connections: 06205-003-CN01

If constructed in accordance with the above plans the range of structures indicated will comply with the relevant parts of the Building Code of Australia, and should be structurally sound.

We advise as independent technical experts;

1. We are not direct employees of the product manufacturer or building owner;

We were not involved in any aspect whatsoever of the product development or original design process by the previous consultant;

 We have no pecuniary interest whatsoever in any aspect of proposed developments involving ABSCO products;

4. We have qualifications (Bachelor Degree suitable for corporate membership of the Institution of Engineers Australia) that qualify NJA Consulting Pty Ltd to act as an independent technical expert under regulation 85 of the South Australian Development Regulations.

Specifically in relation to the range of ABSCO Products the following limitations apply;

SCOPE OR LIMITATIONS

This certificate relates to the structural aspects of the building only.

- ▶ The slab and footings nominated on the drawings are suitable for class A, S, M & H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range ie class H, E and P sites. The founding material shall have a minimum safe bearing capacity of 75kPa.
- The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed strictly in accordance with these documents.
- The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2002.

The following criteria are applicable to structure wind loads:

Structure Importance Level: 2

Annual probability of exceedance: 1:500

Topographic Classification: T1

Internal Pressure Coefficients:

N2, N3 garages: +0.2, -0.3 (non-cyclonic) C1 garages: +0.7, -0.3 (cyclonic) Garden Sheds: 0.0, -0.2 (all regions)

Garden sheds are considered to be effectively sealed during major wind events.

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T1, for the relevant wind region. NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

> This certificate shall not be construed as relieving any party of their contractual or duty of care responsibilities.



➤ The range of engineering drawings for ABSCO garden sheds is indicated as GS01 to GS16 inclusive. These drawings nominate the maximum size garden shed structure, in length, width, and height permissible for each shed design. NJA acknowledge that for each garden shed design, as detailed on engineering plans GS01 to GS16 inclusive, that garden shed structures smaller in size are acceptable, providing that all structural elements are fully adhered to, including internal steel framework, which can be proportionately reduced in size and spacing, in accordance with the reduced garden shed size.

Please contact us if you have any further queries in relation to this matter.

Yours faithfully

2019

Darren McDonald - Senior Structural Engineer (Director)

B.E. (Civil) RPEQ 5453 QLD 24619ES NT EC25680 VIC CC 4481E TAS

for and on behalf of NJA Consulting Pty Ltd



CERTIFICATE OF THE RESPONSIBLE DESIGNER

Section 94 Section 106 Section 129

				Section 155
То:			Owner name Address Suburb/postcod	Form 35
Designer detail	s:			
Name:	Darren McDonald		Category:	CIVIL
Business name:	NJA Consulting Pty Ltd		Phone No:	07 3208 4755
Business address:	PO Box 64 (3-15 Dennis Road Springwood	(k		
	QLD	4127	Fax No:	07 3208 1822
Licence No:	CC-4481E Email address:	d.mcdona	ıld@nja.com.a	
Details of the p	roposed work:			
Owner/Applicant			Designer's proje	ect
Address:			Lot No	
Type of work:	Building work X		Plumbing work	(X all applicable)
New kit-form ste	eel structure (Carport, Awning	or Garage)	ac re- wa ste on ma	ew building / alteration / Idition / repair / removal / -erection ater / sewerage / ormwater / site wastewater anagement system / ockflow prevention / other)
Description of the	Design Work (Scope, limitations	or exclusion:	s): (X all applicable	certificates)
Certificate Type:	Certificate		esponsible Pra	
	☐Building design		rchitect or Buildi	
	☑Structural design		ngineer or Civil	Designer
)	☐Fire Safety design		re Engineer	
	□Civil design		ivil Engineer or (110
	☐Hydraulic design		uilding Services uilding Services	
	□Fire service design □Electrical design		uilding Services	
	☐ Mechanical design	- 10 10 10	uilding Services uilding Service D	
	☐Plumbing design	PI		Architect, Building
	☐Other (specify)			
Deemed-to-Satisfy:	Perf	ormance Solu	tion: 🛚	

Director of Building Control - date approved:2 August 2017

Building Act 2016- Approved Form No 35



Other details: N	Ĺ		
Design docu	ments provided:		
The following do	cuments are provided with this Co	ertificate –	
Document descri	ption:		
Drawing numbe	'S:		
NJA Consulting	Pty Ltd Drawings:		л
Carports: Awnings: Garages: Connections	Drawings 06205-003-AW01A,	CP02A, CP03 to CP06, CP07A AW02A, AW05 , 02A, 03B to 11B, 12A, 13B, 1	
Only some draw	vings for each individual ABSCO p ings are required for each individu certificate for kit-form steel buildir e completed by the applicant in co	al product ng products. The above items left	blank on this
Schedules: NIL		Prepared by:	Date:
Specifications: N	IIL	Prepared by:	Date:
Computations: N		Prepared by:	Date:
Performance so	ution proposals: NIL	Prepared by:	Date:
Test reports: NIL		Prepared by:	Date:

Director of Building Control - date approved:2 August 2017



Standards, codes or guidelines relied on in design process:

Substance of Certificate:

The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions.

- NCC Building Code of Australia (2016) Volume 2 Class 1 and Class 10 Buildings
- AS1170.0-2002 Structural design actions Part 0 General Principles
- AS1170.1-2002 Structural design actions Part 1 Permanent, imposed and other actions
- AS1170.2-2011 Structural design actions Part 2 Wind Actions
- AS1170.3-2003 Snow Loads
- AS3600 2009 Concrete Structures
- AS4100 1998 Steel Structures
- AS4055 2012 Wind loads for Housing
- AS4600 2005 Cold-formed Steel Structures
- AS2870 2011 Residential Slabs and Footings Construction.
- Ramset Specifiers Resource Book
- Buildex Fasteners Technical Specification
- Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide. Test results available on request.

Scope or Limitations

- This certificate relates to the structural aspects of the building only.
- The slab and footings nominated on the drawings are suitable for class A, S, M, and H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range i.e. class E and P sites. The foundation material shall have a minimum safe bearing capacity of 75 kPa.
- The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed in accordance with these documents.
- ➤ The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2002.

The following criteria are applicable to structure wind loads:

Structure Importance Level: 2

Annual probability of exceedance: 1:500

Topographic Classification: T1

Internal Pressure Coefficients

N2, N3 garages: +0.2, -0.3 (non-cyclonic)

C1 garages: +0.7, -0.65 (cyclonic)

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T1, for the relevant wind region.

NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

This certificate shall not be construed as relieving any party of their contractual responsibilities, and is valid until 8 October 2018. Beyond this date the certification shall be carried by another consultant.



NORTHERN TERRITORY OF AUSTRALIA BUILDING ACT SECTION 40 – CERTIFICATE OF COMPLIANCE – STRUCTURAL DESIGN

PROPERTY / PROJECT DETAILS	
Owner (if known):	
Lot/Portion Number:	Address:
Location:	Town / Hundred:
Description of works : PROPOSED KIT-FO	ORM SHED, AWNING or CARPORT

DOCUMENTS ATTACHED (as built drawings or latest amendments)

Drawing Nos: This certificate covers the full range of ABSCO products as outlined on the following drawings:

NJA Consulting Pty Ltd Drawings:

Carports: Drawings: 06205-003-CP01, CP02A, CP3 to CP06, CP07A, CP08, CP09

Awnings Drawings: 06205-003-AW01A, AW02A, AW05

Garages Drawings: 06205-003-GR01A, GR02A, GR03B to GR11B, GR12A, GR13B, GR14A, GR15B

Connections Drawings: 06205-003-CN01

Other Related Documents:

Schedule of inspections : see over

2. PI INSURANCE CERTIFICATE (attached)

DESIGN CERTIFICATE CRITERIA

The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions.

- NCC Building Code of Australia (2016) Volume 2 Class 1 and Class 10 Buildings
- AS1170.0-2002 Structural design actions Part 0 General Principles
- AS1170.1-2002 Structural design actions Part 1 Permanent, imposed and other actions
- AS1170.1-2011 Structural design actions Part 2 Wind Actions
- AS1170.3-2003 Snow Loads
- AS3600 2009 Concrete Structures
- AS4100 1998 Steel Structures
- AS4055 2012 Wind loads for Housing
- AS4600 2005 Cold-formed Steel Structures
- AS2870 2011 Residential Slabs and Footings Construction.
- Ramset Specifiers Resource Book
- Buildex Fasteners Technical Specification
- Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide.

Class of Building (BCA): 10a

Building Importance Level: (BCA Table B1.2a): 2
Annual Probability of Exceedance for wind: 1 in 500

Revised 31/7/14

No changes to the declaration are permitted

Page 1 of 3



COMMENTS / EXCLUSIONS (Exclusions to this Certificate must be clearly identified).

This certificate relates to the structural aspects of the building only.

- The slab and footings nominated on the drawings are suitable for class A, S, M & H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range ie class H, E and P sites. The founding material shall have a minimum safe bearing capacity of 75kPa.
- The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed strictly in accordance with these documents.
- ➤ The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2002.

The following criteria are applicable to structure wind loads:

Structure Importance Level: 2

Annual probability of exceedance: 1:500

Topographic Classification: T1

Internal Pressure Coefficients

N2, N3 garages: +0.2, -0.3 (non-cyclonic)

C1 garages: +0.7, -0.3 (cyclonic)

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T1, for the relevant wind region. NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

- All glazed windows and doors to be designed and certified by window manufacturer. The glazing shall be designed to the Wind Classification System specified above, as defined in AS4055-1992. The glazing manufacturer shall satisfy the requirements of AS2047 for the specified Wind Classification System. The wind classification system has been determined on the basis of the following additional assumptions:-
- Flat site. Where the site is not generally flat (i.e. average slope steeper than 1:10), advise the certifying engineer for a possible reclassification of the glazing requirements.
- This certificate shall not be construed as relieving any party of their contractual responsibilities and is valid until 8 October
 2018. Beyond the date the certification will be carried by another engineering consultant.

	CERTIFICATION BY STI	RUCTURAL ENGINEER	
Company Name is certification issued NJA CONSULTING PTY LTD	on behalf of a corporation	Company NT Registrati	on Number: 53639ES
	een taken to ensure that the structural ets of the Building Code of Australia and		as described above have been designed Regulations.
Name (see *below)	Nominee/Individual NT Registration Number	Signature	Date
			10 April 2018

^{*} Name and registration number of nominee signing on behalf of the company or if no company, name of individual issuing certification.



SCHEDULE OF STRUCTURAL INSPECTIONS (CERTIFIER TO DETERMINE REQUIREMENTS)

[]	1.	Completion of site preparation/site filling/excavations for footings prior to placement of any reinforcement or concrete.
[]	2.	Completion of preparations for placing of concrete strip footings including placement of reinforcement.
[*.	7 <i>3.</i>	Completion of preparations for placing concrete slabs including compaction of fill and sand blinding, placement of formwork, reinforcement, starter bars and cast in items.
[]	4.	Completion of preparations for placing of concrete pier footings including reinforcement (if any).
[]	5.	Starter bars and cast in items after placing of concrete and prior to any covering up work.
[]	6	Reinforcement to walls completed prior to core filling (inspection holes and cleanout cores to be completed).
[*	<i>]7.</i>	Structural steelwork and cold formed steelwork completed and prior to any covering up work. Floor framing system completed before floors are laid or underside is lined.
[]	8.	Suspended concrete floor slabs with formwork, reinforcement and cast in items completed, prior to placing of concrete.
[]	9.	Wall framing or blockwork wall core filling completed (with windows fixed in place) and roof framing with connections completed and prior to sheeting or lining.
	Not	te: [] Prior lodgement of truss manufacturer's drawings, details and certification required. [] Prior lodgement of windows manufacturer's drawings including fixings and certification required.
[]	10.	Structural wall linings completed and prior to any covering up work.
[]	11.	Final inspection upon completion of all structural work including fixings of external roof and wall claddings, flashings, barges & vents.
[]	12.	Other Inspections
lmp		ant Information:
	1)	The above inspections are required to be carried out by either the certifying engineer or the building certifier who issued the Building Permit for the work. (If no inspections are indicated refer to the certifying engineer for advice).
	2)	Where works are prescribed building works under the <i>NT Building Act</i> , the building certifier must be provided with a copy of the inspection record and no further works must be carried out by the builder until the building certifier issues a release to proceed with further works.

4) Failure to obtain inspections may prevent the issue of an Occupancy Permit upon completion of the building works.

3) Additional non-structural inspections may be required during the course of construction before the issue of an

Occupancy Permit (refer to building certifier for requirements).





TK SPECIALTY RISKS PTY LTD

ABN: 21 608 877 783

Representative No: 001237371 Corporate Authorised Representative

Millennium Underwriting Agencies Pty Ltd - AFSL No: 246721

Certificate of Currency

Insured:

NJA Consulting Pty Ltd

Class of Insurance:

Professional Indemnity Insurance

Policy Number:

TKSCC1709131736

Policy Term:

From 4pm 8/10/2017 to 4pm 8/10/2018

Limit of Liability:

Professional Indemnity:

\$3,000,000 Costs Inclusive

Excess:

Professional Indemnity:

\$10,000

Wording:

TKSR CCB 2016

Retroactive Date:

Unlimited, excluding known claims and/or circumstances

Insurer:

100% Certain Underwriters at Lloyd's

The above is a brief outline of the Policy only, and coverage is at all times subject to the terms and conditions of the Policy.



T Kent Authorised Officer Millennium Underwriting Agencies Pty Ltd

Date:

06/10/2017



AUSTRALIA PRODUCT WARRANTY AGAINST DEFECTS

Congratulations on your purchase of an ABSCO SHED

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 029701 FAX: 07-33441191 EMAIL: warranty@absco.com.au

Issued 01 January 2013

ABSCO INDUSTRIES ASSEMBLY INSTRUCTION MANUAL CARPORT MODEL: CPSW50 10-05-2017 PAGE 34



ABSCO SHEDS - STORAGE GUIDELINES

ABSCO SHEDS include garden sheds, garden beds, storage units, aviaries, garages, awnings and carports.

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.