

KWC SERIES

General Notes :

1. Engineering drawings to be read in conjunction with all architectural and other specification drawings.
2. Any discrepancies shall be referred to the engineer for confirmation prior to commencing construction.
3. For setting out dimensions refer to architectural drawings. No dimensions to be obtained by scaling from drawings.
4. All dimensions and levels to be checked on site prior to commencing any work.
5. All work to comply with the latest Australian Standards and Building Codes of Australia
6. Installation to be installed in accordance with manufacture's printed assembling manual.

Foundations :

1. All soil testing to be carried out by the engineer soil type and conditions.
2. Remove all topsoil containing vegetation & deleterious fill material from the building site.

Concrete Notes :

1. All concrete shall be in accordance with the concrete structure code AS 3600.
2. Blended cement (type GB) shall conform with AS 3972
3. Water must not be added to the mix to increase the slump at any time.
4. Concrete shall be supplied by an approved pre-mixed company and conform to the following unless noted otherwise :

	GRADE	SLUMP	MAX. AGG.
FOOTINGS	N20	80mm	30mm

CARPORT TYPE	LENGTH	DEPTH	HEIGHT	FOOTING SIZE
KWC5954	5900	5400	2400	2000 x 1000 x 600
KWC5154	5100	5400	2400	2000 x 1000 x 600

METAL WORK NOTES :

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH
 - AS/NZS 1866:1977-ALUMINIUM AND ALUMINIUM ALLOYS
 - AS 1400-1998 STEEL STRUCTURES
 - AS/NZS 1665:2004 - WELDING OF ALUMINIUM STRUCTURES
 - AS 1554.1 PT1 - WELDING OF STEEL STRUCTURES

2. ALL HOLLOW SECTIONS TO BE FULLY SEALED WITH 2mm PLATES, MINIMUM, U.N.O

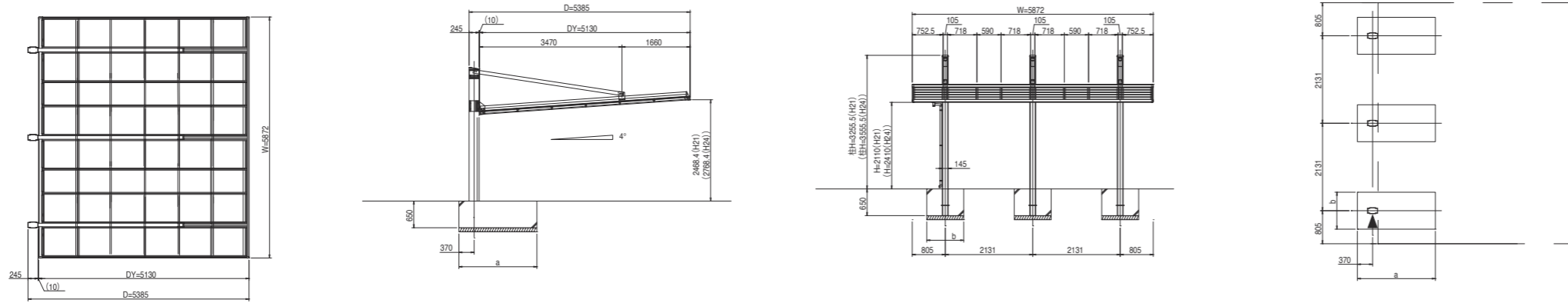
3. ERECTION OF METAL WORK SHALL BE COMMENCED WITH BRACED BAY AND ERECTOR SHALL PROVIDE ALL TEMPORARY BRACING REQUIRED FOR THE SAFE COMPLETION OF THE WORK.
4. ALL BOLTS/SCREWS/WASHERS TYPES AND THEIR TREATMENT OF, IS TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS

CERTIFICATION OF CANTAPORT KWC - SERIES

THE CANTAPORT IS CERTIFIED FOR REGION A & TERRAIN CATEGORY 2 & 3. THE CANTAPORT IS DESIGNED ONLY WHEN THE POST IS BUILT IN THE FOOTINGS, BUT NOT ON CONCRETE SURFACES. THE CANTAPORT STRUCTURE IS STRUCTURALLY CAPABLE OF SUPPORTING THE DESIGN LOADS IN ACCORDANCE WITH ALL RELEVANT AUSTRALIAN STANDARDS.



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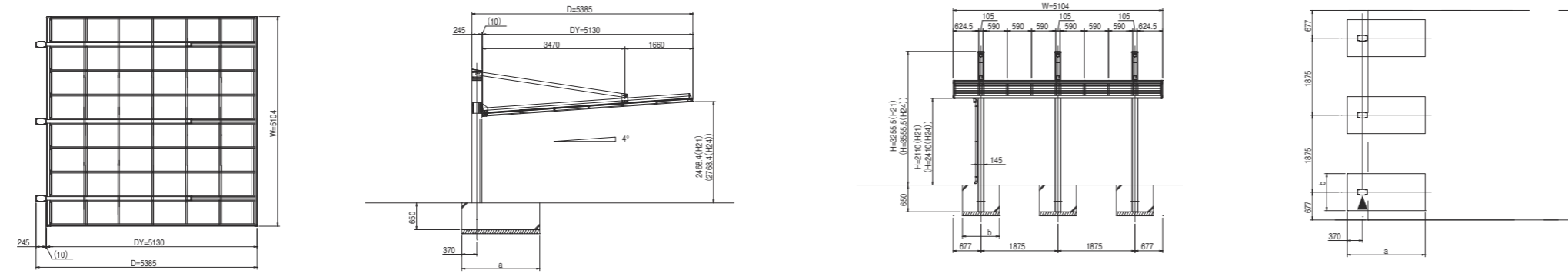


KWC5954

(KN/m ²)	a(mm)	b(mm)
50	2000	1000
100	1900	900

(S=1/50)

Vex=38m/s



KWC5154

(KN/m ²)	a(mm)	b(mm)
50	2000	1000
100	1900	900

(S=1/50)

Vex=38m/s

MAIN FRAME	FRONT FRAME	REAR FRAME	SIDE FRAME	BEAM SECTION	POST SECTION
<p>KWC 5154 KWC 5954 a= 5.65cm t1= 0.20cm t2= 0.15cm b= 2.20cm</p>	<p>KWC 5154 KWC 5954 a= 6.00cm b= 11.10cm c= 1.75cm t1= 0.25cm t2= 0.25cm t3= 0.22cm</p>	<p>KWC 5154 KWC 5954 a= 6.00cm t1= 0.18cm t2= 0.20cm b= 2.90cm</p>	<p>KWC 5154 KWC 5954 a= 7.90cm b= 1.30cm c= 3.65cm t1= 0.12cm t2= 0.12cm t3= 0.15cm</p>	<p>KWC 5154 KWC 5954 a= 10.95cm b= 3.70cm c= 5.54cm d= 2.55cm t1= 0.23cm t2= 0.25cm t3= 0.28cm</p>	<p>KWC 5154 KWC 5954 a= 24.50cm t1= 0.40cm t2= 0.33cm b= 12.00cm</p>



CANTAPORT DELIVERS A NEW AND UNIQUE GENERATION OF CARPORTS, PATIO SOLUTIONS AWNINGS AND SHADING STRUCTURES.

Genuine & Original
BEWARE OF CHEAP IMITATIONS



Cantaport offers an affordable alternative to any other carport, patio and shading system.

DESIGNED & MANUFACTURED IN JAPAN.

Cantaport uses state-of-the-art technology to the highest standards of design and engineering. Certified to Australian and International standards.

CANTAPORT OFFERS YOU A RANGE OF SIGNATURE COLOURS

to complement and enhance your homes 'existing design palette. Whether it's a carport to the front or an outdoor kitchen entertainment area, modern gazebo or alfresco area, in your back garden

CANTAPORTS OFFERING INCLUDES A

basic garage structure enclosure, or an architecturally designed structure to cover your boat, caravan, trailer, car/s, high roof vehicles, work-truck, van, motorbikes, cycles or buggies



REDUCES HEAT

Polycarbonate sheeting reduces the heat by 83%. Tested in Japan under extreme laboratory tests, the polycarbonate sheeting, unlike standard plastic-Perspex roof sheeting the Blue smoke polycarbonate sheeting, has been designed to reduce the heat to minimise heat-related damage to vehicles and outdoor furniture. Capable of resisting very high to minus temperatures.

WATERPROOF

Polycarbonate sheeting repels water and collects water in the integrated gutter and releases the water through a downpipe. The downpipe is also fitted with an inspection cap, that allows for all foreign particles that have collected in the gutter i.e. leaves branches etc, to be flushed out.

BLOCKS 99% UV

Polycarbonate sheeting Blocks out 99% UV rays. The same laboratory testing in Japan has been undertaken to establish that the Cantaport designed Blue Smoke polycarbonate sheeting is capable of the advanced UV repellent

STRUCTURALLY WIND RATED

The Cantaport structure has been tested in Japan using the most advanced technology to establish that the structure can withstand up to 147km winds (subject to which model). The tests included wind tunnel testing and through many years of over 25 years of experience manufacturing these structures in Japan. The best test is nature's elements and the structure has been adapted to take on nature's elements but keep evolving for future positive results.

POLYCARBONATE STRENGTH

The polycarbonate sheeting has been tested under the stringent test of compliance to standards in Japan, European, USA & Asia to determine that the polycarbonate sheeting is 250 times stronger than glass. Cantaport guarantees that the polycarbonate will not crack, split, show signs of stress for a minimum of 7 years (subject to being installed as per the manufacturers' installation manual). The Blue smoke polycarbonate sheeting is hail resistant and supporting 20cm of snow load over the entire roof. A common test to determine the strength of polycarbonate sheeting is to fold a piece in half and apply pressure to create a fold. A strong polycarbonate sheet will only show a clean folded line with no cracks, or stress marks.

MANUFACTURED TO BE NON COMBUSTIBLE

The Cantaport has been certified by Australian and international accredited engineers and the structure is manufactured of non-combustible material. The certifications comply with international and Australian ratings.

EASILY MAINTAINED

The Cantaport structure has been manufactured to be a low maintenance product for the end user. Designed to provide a long lasting shade cover with minimal fuss. The gutter and downpipe have an inspection cap that allows flushing the gutter of any leaves. The anodised surface finish is the lasting colour of the structure for life. Unlike powder coating will not fade and resistant to UV rays. The polycarbonate sheeting requires no surface contact for cleaning other than high-pressure water from a garden hose to remove unwanted stains. It is recommended to inspect the structure after experiencing extreme storms for visible loose bolts or components. If unsure, contact us with any question

Cantaport designs are simple to install and highly attractive and well-engineered. Cantaport are unbeatable when it comes to providing stylish, resilient, compact, weatherproof and enduring carports, patios, verandahs, gazebos and shading solutions. Cantaport-well suited to the harsh Australian climate. The cantilever-ing advantage of the Cantaport design eliminates extra posts - to offer an open and functional outdoor space. You'll be able to maneuver the car, boat or caravan, set up an alfresco area with furniture, enjoy the extra space by having fewer posts.

Built-in gutters and rainwater down pipes ensure an efficient, fuss-free structure. Installation can be do-it-yourself with one of our DIY kits - or by one of Cantaports installers who will erect your structure in no time at all.

The polycarbonate roofing shields 99% of UV rays and 83% heat reduction to improve your comfort levels. Structural anodised aluminium frame, corrosion free, termite free, long lasting shading choice.

