**Building Layout** 

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# **Building Information**



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The price covers entirely our offer. Anything discussed or implied but not specifically referenced in this quote, does not form part of our offer. Please contact us for a revised quote if there are any amendments or inclusions you require.

All payments must be made directly to Wide Span Sheds as per the payment details on our invoice. An invoice is issued on acceptance of this quotation along with the purchase agreement.

The discount offered is dependent on completion of the purchase agreement within 10 days of issue and final payment being made on time.

Details of your Wide Span Sheds Building	
Building Class	10 A non-habitable building or structure. (Refer NCC A6G11)
Weight	Approximately: 1,400 kg
Span	Main Building: 6 m
Length	6 m (2 Bays of 3 m each)
Height	4 m
Roof Type	Gable, 10 degrees
Roof	COLORBOND® steel CORODEK® 0.42 BMT (0.47TCT) sheeting, BlueScope
Walls & Trims	COLORBOND® steel TRIMCLAD® 0.42 BMT (0.47TCT) sheeting, BlueScope
Gutters	COLORBOND® GUTTER-04. We have calculated the number of [Supplied by Others] downpipes required for: Left Side = 1. Right Side = 1.
Roller Doors	One (1) COLORBOND® steel 2.4m high x 5m wide roller door (roller door is not wind rated). Refer to the General Specification (# Access Doors) in relation to opening sizes. The Roller Door is boxed or steel wrapped for protection during transport.
PA Doors	One (1) single skin Deluxe COLORBOND $\ensuremath{\mathbb{R}}$ steel door with keyed lockset and lever handle to one side;
Solar Panels	Your building has been designed to allow for the loads of a future installation of Solar Panels (by others). The information you have provided is that you require the maximum number of panels on your building. We calculate that you can fit 10 panels on your new steel building. This is typically 3.6kW of Solar Panels. You can of course also put panels on your home or other suitably designed structures to get the maximum benefit from your investment. We have engineered the building for panels to be placed on both sides of the main building.
Roof Purlins & Wall Girts	Tophat sections with a minimum overlap of 10% of the bay width.
Fixing to Concrete	Tru-Bolts fitted after concrete is cured.

## Specific Inclusions

- Determination of the design criteria by the engineer. This includes assessment in 8 cardinal directions to determine the site design wind speed based on the building orientation.
- A comprehensive step by step Construction Kit. This kit is specific to your building and gives step by step, simple to follow instructions on how to build your building.
- Engineering certification of the steel building to the appropriate Australian Standards.
- Slab or Pier designs for soil classes A, S, M, H1 and H2.
- Materials as nominated above supplied as per the attached "General Specification".
- BlueScope product warranties of up to 15 years apply.

## Specific Exclusions



Design Criteria	
Exact Location	Geographic Co-ordinates of <-31.11634, 117.79625>. Refer to the image below showing this location.
Address Provided	33 Glass St Trayning WA 6488 Australia
<b>Building Orientation</b>	Left Side of building orientated to 0° (northerly direction)
NCC Version	NCC 2019
Design Wind Criteria for the Highest Cardinal Direction	Importance Level 2 with a Vr of 45 m/s ; Region A1; TC = 2.45; Mt = 1; Ms = 1.0; giving a Vdes of 39.3 m/s.
Earthquake	An Earthquake Acceleration Co-efficient (Z) of up to 0.12 has been allowed for in the design of the building, however wind is the determining design factor.
<b>Other Design Factors</b>	No Snow Loading allowed.



The design criteria nominated has been assessed by your trained sales consultant. This assessment is subject to the certifying engineers confirmation. Final assessment by the engineer may result in a change to the materials and price.

BlueScope and other warranties are limited to non-aggressive environments. It is the purchaser's responsibility to ensure that they are not subject to Marine, Industrial or any other type of environmental conditions that will limit their warranties to less than they require. Contact BlueScope on 1800 800 789.

The Ridge capping (flashing over the apex of the building) will be provided suitable to Scribe In. SA HB 39 provides guidelines and nominates that ridge capping should be scribed in. The NCC does not call up this standard, so it is not mandatory. If you do not want to Scribe In your ridge capping, please advise your sales consultant to remove it from your quotation.



### **General Specifications**

### 24-05-01 AU

Due to ongoing product development, the seller reserves the right to make design and engineering changes up to the point of scheduling manufacture. The engineer's final design requirements may override anything nominated.

Standards & Codes - All buildings are designed in accordance with test results, computer analysis, NCC, AS/NZS 1170, AS 3600, AS 4100 and AS 4600. Where more than 1 version of any code is applicable, the code to be used shall be at the engineers discretion. Design Criteria - Prior to issuing engineering certification, the engineer does a site specific check of the wind speed and a structural design check. This design takes into account the building's position on site and orientation. Changes to the site wind speed may result in a price increase or decrease. Unless nominated, no allowance has been made for solar panels, earthquake or snow loading. To minimise any cost increases, the purlins and girts may be changed from Top Hat to fully bolted Zs. This will only be done if, by doing so, it represents a net cost saving to the client. Unless nominated, no allowance has been made for earthquake or snow loading. The building is not suitable for lining with gyprock.

**Dimensions -** all dimensions nominated are nominal sizes only Length and span are to inside of sheeting. Height is to top of gutter. Length and span may vary when sides are fully open by up to 200mm per side/end. If an exact opening or clearance is required, then this must be specifically nominated as "exact size" in the quotation.

**Environmental Characteristics -** All components of the steel building are designed to suit the conditions generally described as Non aggressive. Care must be taken with any steel building to ensure that regular maintenance is carried out. The suitable conditions and Maintenance requirements are defined in the various BlueScope Technical Bulletins.

**Roof & Wall Sheeting -** COLORBOND® steel or ZINCALUME® steel as nominated. TCT refers to Total Coated Thickness. BMT refers to Base Metal Thickness. Refer to BlueScope TB-1a&1b **GALVASPAN® steel Sections -** GALVASPAN® steel C-sections, Z-sections, purlins and girts have a minimum coating of 350-gsm (Z350) and a minimum yield strength of 450MPa. Refer to BlueScope TB-17

**Brackets** - All brackets are made with a minimum coating of 350gsm (Z350) and a minimum yield strength of 450Mpa or greater **Fasteners** - All major connections are bolted and tec screwed. All other connections are tec screwed. Roof screws with cyclonic washers are ONLY provided where the building is rated cyclonic. Should conditions be severe (ISO Category 4 or 5), the purchaser should advise the seller of any special requirements. (Refer to BlueScope TB-16 and manufacturer's warranty data.)

#### Bracing

**Wall & Roof :** Cross and Fly bracing as per the engineering plans, steel strapping will be supplied unless otherwise nominated. In open bays, a double eave purlin is provided for bracing purposes. Subject to engineering cross bracing in some open bays and over windows may be required.

**Apex:** Where nominated by the engineering, apex braces are supplied. Apex braces will reduce the apex clearance height. rafters.

**Knee Braces:** Where nominated by the engineering, lateral and/or transverse knee braces are provided. Knee braces will reduce the clearance heights.

**End Wall Mullions -** Fixed at 90 degrees to the columns and inside the rafter. These will reduce internal clearance.

**Gutters** - Unless otherwise nominated, the gutter type supplied will be nominated by our supplier as the most common type for the area. All Rainwater and drainage designs are the responsibility of the purchaser/owner. Residential gutters and downpipes where supplied are based on average rainfall for the state and may not be sufficient for your building size or usage. Please speak to your building designer or contractor to ensure gutters are fit for purpose. No consideration for door openings or other obstructions. Any changes to the design due to obstructions is the responsibility of the purchaser.

**Piers and Slab** - Designs are for a safe bearing value >= 100kPa. (400kPa ultimate). Where a concrete slab, or concrete slab and piers is nominated, the wall sheeting will be supplied to extend 40 mm past the slab (building height + 40 mm). When concrete piers only are nominated, wall sheeting is provided to building height. Where a 50mm step down is nominated, the wall sheeting is not extended any further.

**Fixing Method** - The fixing method nominated is for the main side columns. Other columns are supplied as per engineering design. The Engineers design may override your request.

**Marking, Cutting and Drilling -** Most components are marked for easy identification and placement. Most are also cut to length and drilled to suit bolt placement. It will be necessary to cut and/or drill some components on site.

Sheeted Portals and Mullions - All end wall mullions provide critical support to portal frames and cannot be repositioned or removed under any circumstances without engineering approval. **Communications** - By requesting a quote, you agree to our Privacy Policy which states that we can notify you about special offers, products or services available from us or our participating partners. You can unsubscribe from these marketing newsletters at any time.

# # symbol indicates items that are only included when specifically nominated in your quotation.

**# Access Doors -** All roller doors, sectional doors, shutters, steel sliding or bifold doors and PA doors are NOT wind rated. Roller doors can be supplied wind rated at an additional cost. The sizes quoted are approximate door sizes - NOT clear opening sizes. Clear opening sizes may be reduced due to the building height, widths, motors or chains. At least 70mm in height will be lost due to the 'lead in'. All roller door keys (where included) are keyed alike, unless otherwise stated. All Stable shutters will be provided in the same colour as the wall colour. Sliding doors are supplied so that each door will slide across the door bay plus one other bay as per shed layout.

All comments regarding roller doors, sectional doors & shutters are referenced from inside the building looking out.

**# Colours -** Not all colours are available from all manufacturing depots. 0.40 TCT wall sheeting has limited colours in most areas. **# Delivery -** Delivery is quoted to within the normal delivery runs. Additional fees apply where the address is off the run. Alternatively delivery is to be ex works. Unloading of the whole kit is not included where any length exceeds 11.8m. Semi trailer access required. Where a body truck is requested it is subject to availability. Should a body truck be requested and it is not available for the site then the building shall be either ex works or delivered to an alternative address by a semi trailer.

# Ex Works - Collection will be from our supplier's depot nominated as the manufacturing location in the quote letter.
# Pricing - Pricing is valid for 30 days, unless notified of an impending price rise where the price rise date will become the new validation date. Purchase agreements are also subject to price rises.

**# Roller Door -** Industrial and residential roller doors may have a slightly different profile.

**# Roller Door Transport Protection** - All doors are wrapped by the manufacturer in their recommended method for regular road transport. Any damage to a door will be accessed in accordance with the AGDA guide to visual inspection of garage doors.



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**# Solar Panels -** Supplied and Installed by others. The building is designed to allow for the dead loads and wind loads based on the following. Panel width approx. 1.0m. Panel length approx. 1.7m. Gap between roof and bottom of panel = 150mm max. Weight of Panels and all fixings to be no greater than 15 kg/m<sup>2</sup>. Solar panel fixing rails to run up the roof and fixed onto the roof purlins at standard roof purlin spacings designed for the building. Installation to comply with AS/NZS 1170. (Clause D6 in the 2011 version)

