



 DOMESHELTER[®]
AUSTRALIA

SPECIFICATION GUIDE

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THE SELECTION PROCESS

Our Range of Products:



Standard Range

The DomeShelter™ Standard Range is outlined in the following guide. Designed and engineered for the most economic and practical solutions, a standard size is the perfect fast and easy solution.



If you see this icon, this model is generally in stock available for quick delivery.



Custom Range

We offer fit-for-purpose solutions to meet the complex needs and technical requirements of our customers using our in-house engineering expertise.

These can often be non-standard sizes and designs and include custom specifications.

Perfect for warehouses, workshops, storage of bulk items or high capital equipment, we design solutions for you.

How to choose your ideal solution.

Step 1

Choose your profile



Step 2

Choose your length



Step 3

Choose your mounting type



Step 4

Choose endwall & door type



Step 5

Choose hold-down & footing options (if required)

Once your ideal solution has been chosen, get in touch with our expert team for a free quote!

A standard solution doesn't fit? A custom solution may work for you.

Want a realistic idea of what your chosen options will look like?

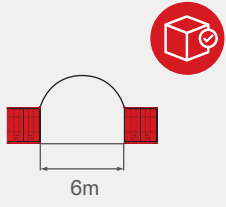
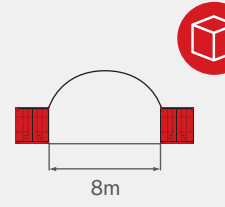
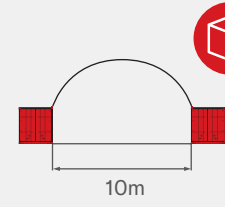
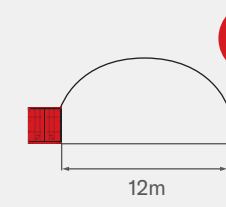
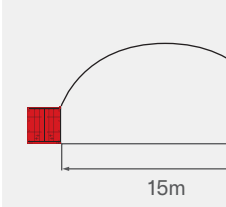
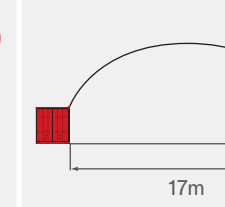
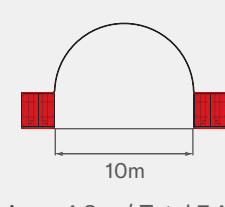
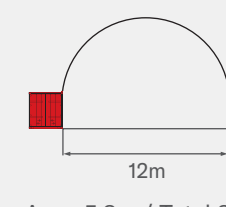
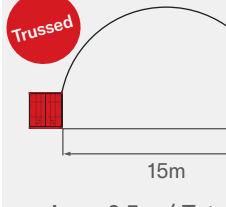
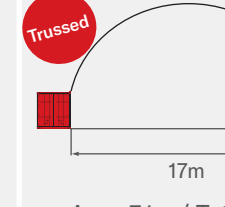
Design your very own DomeShelter™ Structure using our online 3D designer at domeshelter.com.au or contact us on sales@domeshelter.com.au or **+61 8 9690 1100** to start the conversation.



Boddington Gold Mine

STEP 1 CHOOSE YOUR PROFILE - STANDARD RANGE

Dimensions shown are Arch Height (apex) and Total Height (total). Total height based on standard 2.6m high container. Add 0.3m to the total height for High Cube Container.

	6m	8m	10m	12m	15m	17m
Standard-Rise	 <p>Apex 2.3m / Total 4.9m Available in 6.05m & 12.2m lengths</p>	 <p>Apex 2.6m / Total 5.2m Available in 6.05m & 12.2m lengths</p>	 <p>Apex 3.6m / Total 6.2m Available in 6.05m & 12.2m lengths</p>	 <p>Apex 3.5m / Total 6.1m Available in 6.05m & 12.2m lengths</p>	 <p>Apex 4.5m / Total 7.1m Available in 12.2m lengths</p>	 <p>Apex 4.7m / Total 7.3m Available in 12.2m lengths</p>
Super-Rise	<p>NOT STANDARD</p>	<p>NOT STANDARD</p>	 <p>Apex 4.8m / Total 7.4m Available in 6.05m & 12.2m lengths</p>	 <p>Apex 5.8m / Total 8.4m Available in 6.05m & 12.2m lengths</p>	 <p>Apex 6.5m / Total 9.1m Available in 12.2m lengths</p>	 <p>Apex 7.1m / Total 9.7m Available in 12.2m lengths</p>



Customised Solutions

We also manufacture engineered custom sizes, available on request. We can design any profile, at any length with simple customisation.

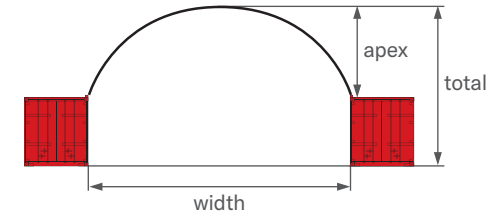



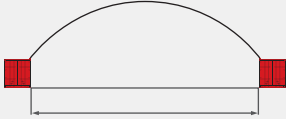
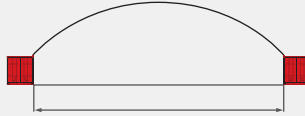

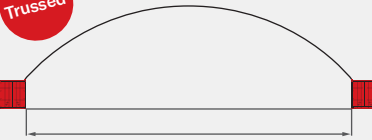
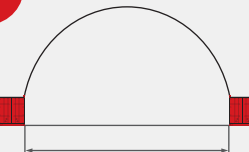
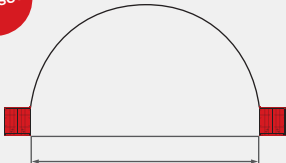
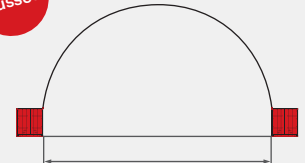
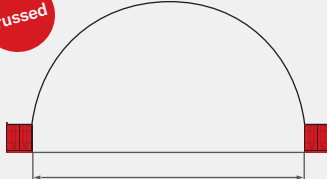
Project Details

- **Location:** Boddington Gold Mine, WA
- **Year:** 2021
- **Specifications:** 17m Wide x 40m Long
- **Mounting System:** Post with steel facade
- **Wind Region:** A

STEP 1 CHOOSE YOUR PROFILE - STANDARD RANGE

Dimensions shown are Arch Height (apex) and Total Height (total). Total height based on standard 2.6m high container. Add 0.3m to the total height for High Cube Container.



	19m	21m	23m	25m	30m
Standard-Rise	 <p>19m Apex 4.6m / Total 7.5m Available in 12.2m lengths</p>	 <p>21m Apex 5.1m / Total 7.7m Available in 12.2m lengths</p>	 <p>23m Apex 5.0m / Total 7.6m Available in 12.2m lengths</p>	 <p>25m Apex 6.8m / Total 9.4m Available in 12.2m lengths</p>	 <p>30m Apex 6.8m / Total 9.4m Available in 12.2m lengths</p>
Super-Rise	 <p>19m Apex 8.0m / Total 10.6m Available in 12.2m lengths</p>	 <p>21m Apex 9.0m / Total 11.6m Available in 12.2m lengths</p>	 <p>23m Apex 11m / Total 13.6m Available in 12.2m lengths</p>	 <p>25m Apex 12m / Total 14.6m Available in 12.2m lengths</p>	<p>NOT STANDARD</p>



Customised Solutions

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Project Details

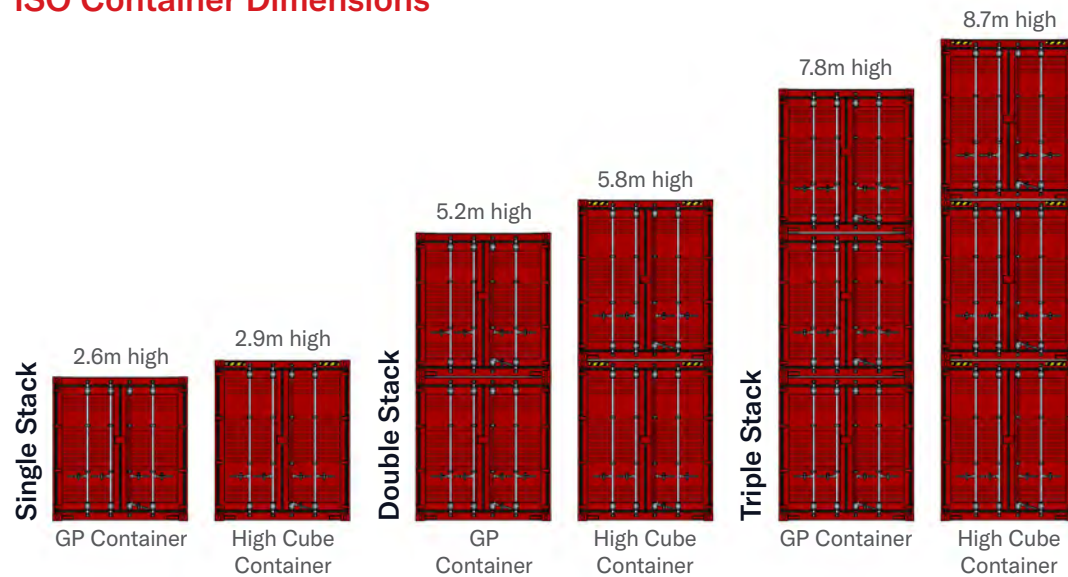
- **Location:** Incitec Pivot, Phosphate Hill, QLD
- **Year:** 2020
- **Specifications:** 23m Wide x 290m Long
- **Mounting System:** Containers
- **Wind Region:** A

STEP 2 CHOOSE YOUR LENGTH

Standard & Hi-cube Containers

	Length	Height		Width
		Std GP	Hi-Cube	
20 Foot Container	6.05m / 20 Foot	2.6m 8ft 6in	2.9m 9ft 6in	2.44m / 8ft
40 Foot Container	12.2m / 40ft	2.6m 8ft 6in	2.9m 9ft 6in	2.44m / 8ft

ISO Container Dimensions



Length Options

End to end in 20ft or 40ft increments

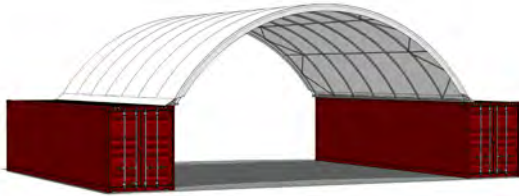


20ft / 6.05m

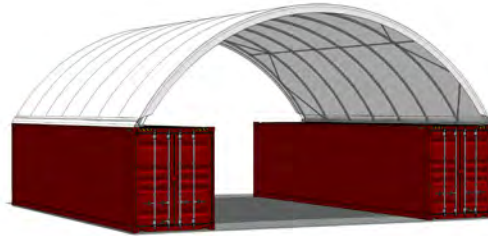


40ft / 12.2m

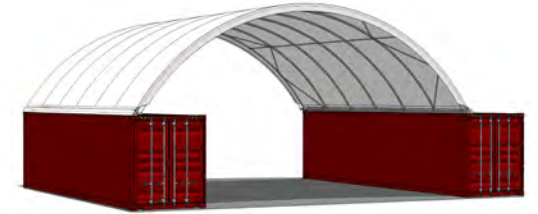
STEP 3 MOUNTING TYPES



Containers Outside



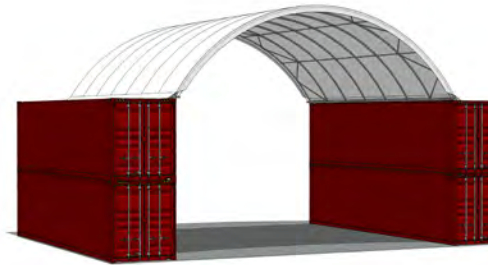
Containers Inside



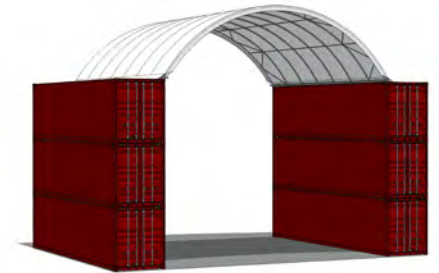
Container Inside & Outside



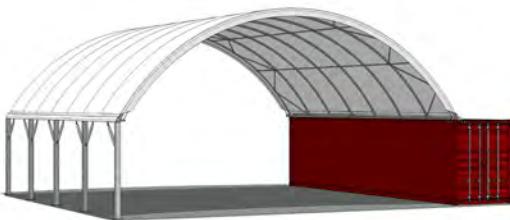
Multiple Bay



Double Stacked Containers



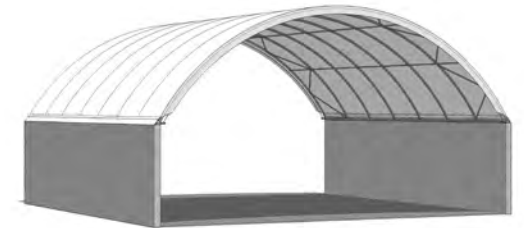
Triple Stacked Containers



Container & Post Mounted (Combination)



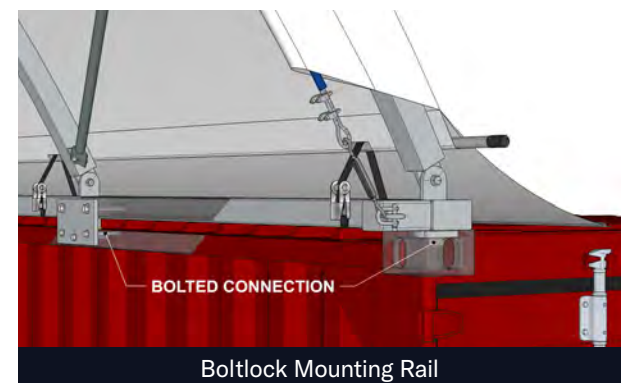
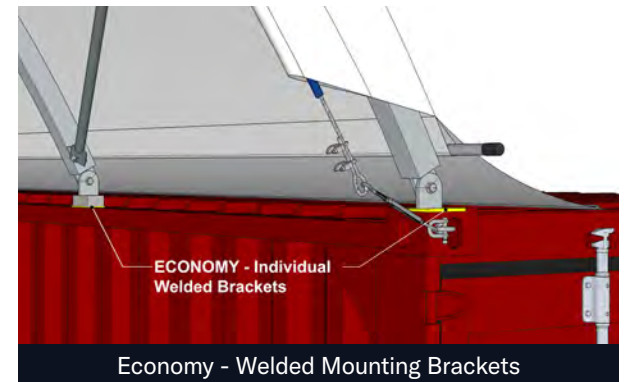
Post Mounted



Concrete Wall Mounted

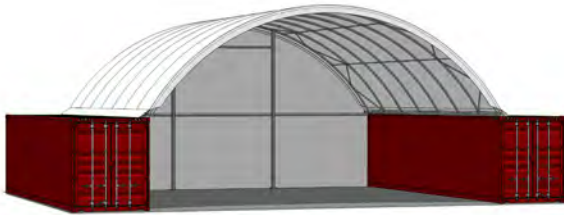
STEP 3 CONTAINER & MOUNTING RAIL OPTIONS

	Economy (Brackets only)	Welded Mounting Rail (Recommended)	Boltlock Mounting Rail
Price	\$	\$\$	\$\$\$
No Onsite Measuring req.	👎	👍	👍
No Onsite Welding req.	👎	👎	👍
Ease of Installation	★★	★★★	★★★★
Standard Container Compatibility	All	All	Most: exempting those without SHS top-rail
Compatible with Internal Lining	👍	👍	👎
Ease of Relocation	★	★★	★★★★
Wind Region Compatibility	A, B, C	A, B, C, D	A, B, C*, D*

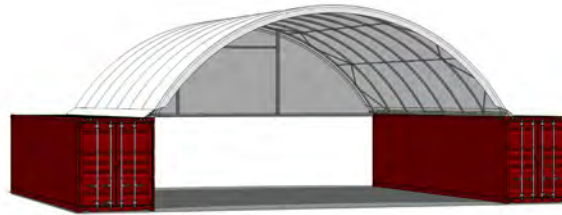


*Subject to engineers advice for Structures over 15m

STEP 4 ENDWALL STYLE



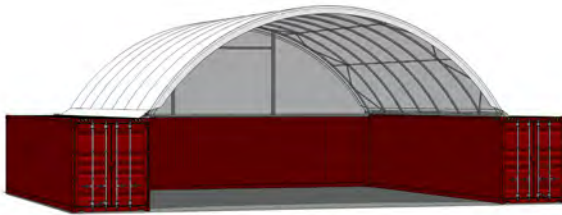
Full Endwall



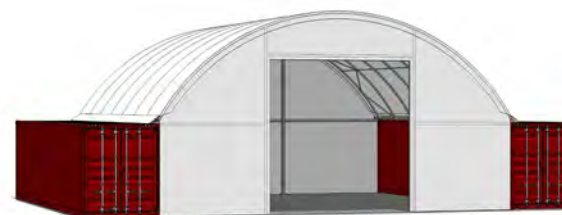
Suspended Partial Endwall



Column Supported Partial Endwall

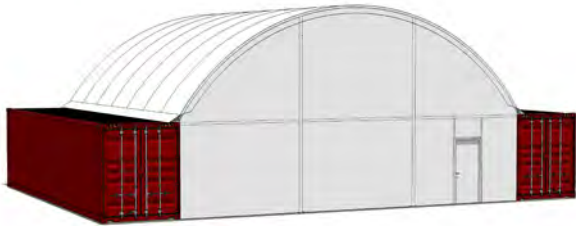


Container Supported Partial Endwall



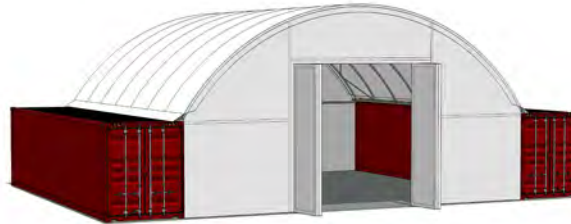
Doorway Opening Endwall

STEP 4 DOOR TYPE



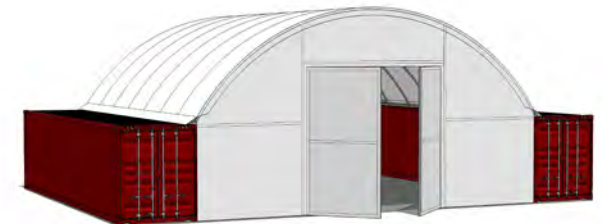
Steel PA Door

820 x 2040mm Pre-hung personal access door



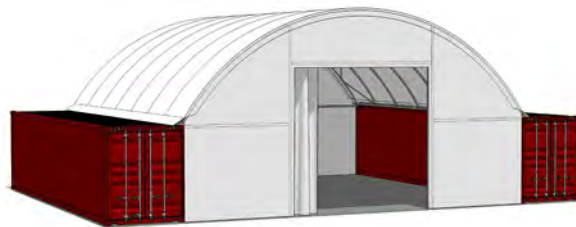
Bi-Fold Door

Maximum width of 10m opening - Careful operation required on larger doors



Hinged Double Door

Maximum width of 6m opening - Careful operation required on larger doors



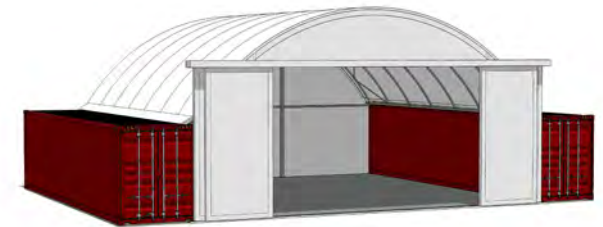
Sliding Curtain Door

Economy option - Recommended for short term or low use requirements



Roller Shutter Door

Cyclonic 49m² - Standard 130m²
*maximum width/height depending on design wind rating



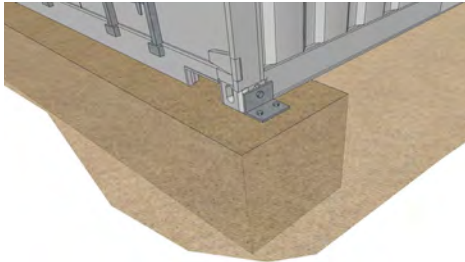
Sliding Door

Bottom track design for large clear span openings

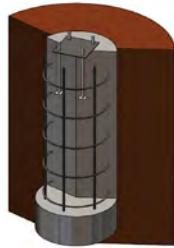
*Subject to engineers advice and size requirements. Talk to sales regarding your requirements.

STEP 5 HOLD DOWN & FOOTING OPTIONS

Concrete Footings

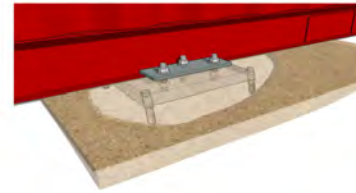


Concrete Footing
Container Hold Down Bracket



Pier Footing

Ground Anchors

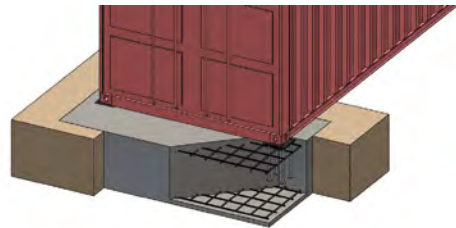


Surefoot Ground Anchors

Ballasts



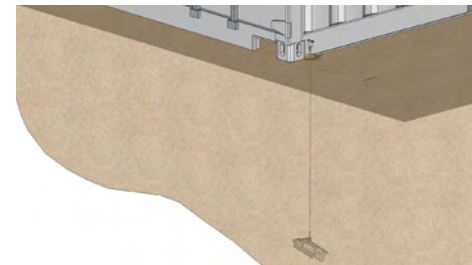
Internal Ballast
Sand / Crushed Rock / etc.



Concrete Pad Footing



Concrete Slab with Thickening



Ground Earth Anchor - with Cable



External Ballast
Pre-Cast Concrete Block



Concrete Footing
Welded Container Base Plate

STOCKED DOMESHELTER™ EXAMPLES



6 x 6.05m, Standard Rise Light Vehicle Workshop



8 x 12.2m, Standard Rise Light Vehicle Workshop



10 x 12.2m, Standard Rise Light Vehicle Workshop



12 x 12.05m Multi - Light Vehicle Workshop



15 x 12.02m, Standard Rise Workshop



10 x 12.2m, Double Bay with Full Endwall

*Endwall is not stocked.



PROJECT DETAILS

Location: Exmouth, Western Australia

Project Type: Standard

Specifications: 21m w x 24.4m l container mounted

Purpose: Facility to house and maintain Helicopters

Technical Info: Region D



THE CHALLENGE

Bristow is an industry leader when it comes to transportation of personnel to offshore production platforms and drilling rigs, so when they needed a solution to house two of their helicopters.



OUR APPROACH

The DomeShelter™ Structure allowed ample clearance, it provided additional storage and with the very limited water supply in the vicinity to meet Fire Code requirements the design was customised to meet these requirements.



PROJECT DETAILS

Location: Koolan Island

Project Type: Custom

Specifications: 25m w x 34m l double stacked container mounted

Purpose: HV Workshop Area

Technical Info: Region D



THE CHALLENGE

Koolan Iron Ore required another “Workshop Area” to add to their many existing DomeShelter™ Structures on site. This time they required a large 25m wide x 34m long area mounted on 2 containers high in Region D for their large dump trucks and other mining equipment. The desired outcome was to facilitate quick and efficient servicing to minimise downtime, whilst providing a safe and cool environment, protected from the elements – for the staff to be able to perform their tasks.



OUR APPROACH

The DomeShelter™ Fabric Structures was the obvious choice, having already been tried and tested in the harsh conditions on this island. The Sales Team along with the design department worked hard with their engineers and the client to come up with a great design solution, including a special mounting rail to incorporate the installation of their new high powered communications aerial.

CUSTOM DOMESHELTER™ EXAMPLES

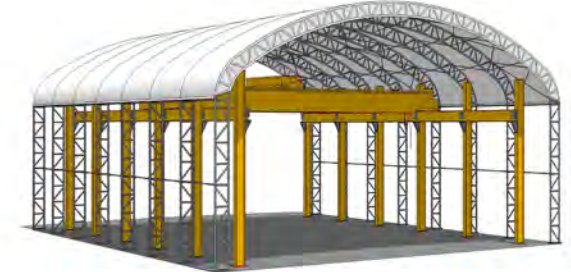
Customised solutions can include some of the following. If these concepts more align with your needs, get in touch with the team today.



Tyre Bay



Multi-building Facility



Industrial Building



Heavy Vehicle Workshop



Warehouse / Bulk Storage



Aircraft Hangars



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[SAVE PROGRESS](#)
[START OVER](#)
[PRINT](#)
[SHARE](#)
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STEP 1
SHELTER
STEP 2
WALLS / DOORS
STEP 3
ENVIRONMENT

ARCH WIDTH (METRES)

 12

ARCH HEIGHT

3.5M STANDARD
↓

CONTAINER PLACEMENT

OUT
↓

CONTAINER SIZE

40 FOOT HI-CUBE (12.2L X 2.9H)
↓

CONTAINER STACK

ONE-HIGH
↓

NO. OF CONTAINERS END TO END

 2

GAP BETWEEN CONTAINERS (METRES)

 0

TARP COLOUR

WHITE
↓

3D



SPECIFICATIONS
 ARCH WIDTH 12.00M
 ARCH HEIGHT 3.50M
 TOTAL HEIGHT 6.40M
 SHELTER LENGTH 24.40M

Struggling to visualise the structure you have in mind?

You may find it helpful to try DomeShelter Australia's free 3D designer tool. Available any time on our website and 100% user friendly, it allows you to create a customised model of your shelter quickly and easily!

The 3D designer allows you to try a range of different modifications and add equipment such as vehicles to better envision the Shelter you're designing, and ensure its size is correct to cover the assets you're protecting.

Once you are happy with the design you can submit it to our team and request a quote. One of our experienced DomeShelter™ Consultants will then get in touch to further discuss your project.

DESIGN YOUR OWN ONLINE TODAY





ENGINEERED TO PROTECT

DomeShelter™ Fabric Structures provide a wide variety of protection for people and assets in harsh environments.

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