



 DOMESHELTER<sup>®</sup>  
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, easy, and affordable solution.



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



### Custom Range

We specialise in engaging you and your needs with our technical team, to design a solution that is fit-for-purpose in every aspect.

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?

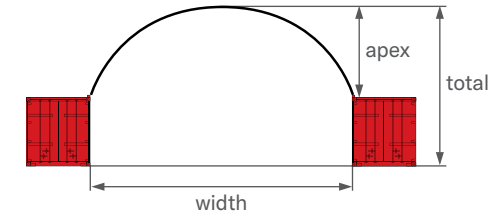
Design your very own DomeShelter™ Structure using our online 3D designer at [domeshelter.com.au](https://domeshelter.com.au) or contact us on [sales@domeshelter.com.au](mailto:sales@domeshelter.com.au) or **+61 8 9690 1100** to start the conversation.

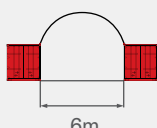
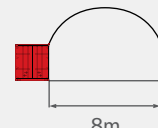
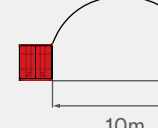
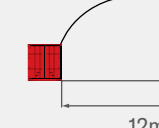
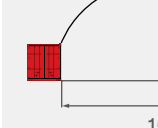
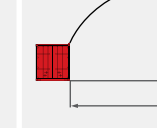
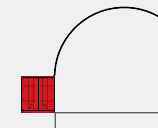
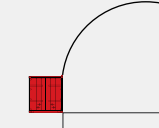
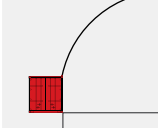
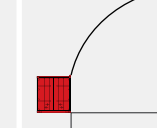


Boddington Gold Mine

# 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 2.2m / Total 4.8m Available in 6.05m &amp; 12.2m lengths</p>	 <p>Apex 2.6m / Total 5.2m Available in 6.05m &amp; 12.2m lengths</p>	 <p>Apex 3.4m / Total 6.0m Available in 6.05m &amp; 12.2m lengths</p>	 <p>12.2 ONLY Apex 3.5m / Total 6.1m Available in 6.05m &amp; 12.2m lengths</p>	 <p>Apex 4.6m / Total 7.2m Available in 12.2m lengths</p>	 <p>Apex 4.5m / Total 7.1m 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 &amp; 12.2m lengths</p>	 <p>Apex 5.8m / Total 8.4m Available in 6.05m &amp; 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.

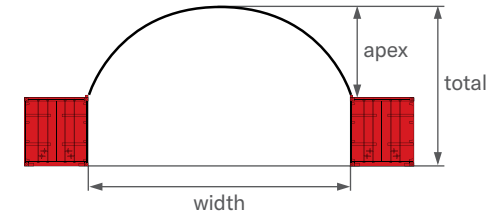





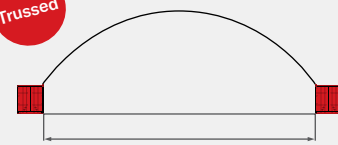

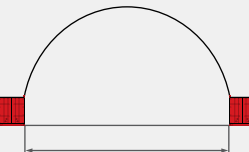
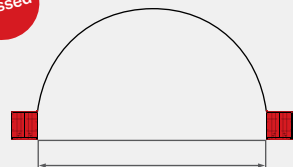
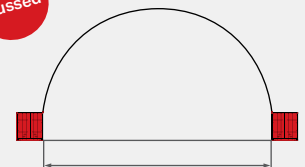
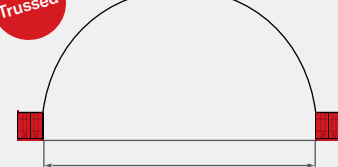
## Project Details

- **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.

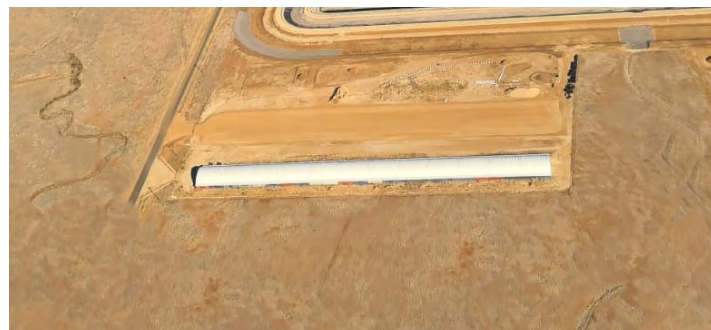


	19m	21m	23m	25m	30m
Standard-Rise	 <p>19m Apex 4.6m / Total 7.5m Available in 12.2m lengths</p>	 <p>21m Apex 5.1m / Total 7.7m Available in 12.2m lengths</p>	 <p>23m Apex 5.0m / Total 7.6m Available in 12.2m lengths</p>	 <p>25m Apex 6.8m / Total 9.4m Available in 12.2m lengths</p>	 <p>30m Apex 6.8m / Total 9.4m Available in 12.2m lengths</p>
Super-Rise	 <p>19m Apex 8.0m / Total 10.9m Available in 12.2m lengths</p>	 <p>21m Apex 9.0m / Total 11.6m Available in 12.2m lengths</p>	 <p>23m Apex 9.5m / Total 12.4m Available in 12.2m lengths</p>	 <p>25m Apex 6.9m / Total 9.5m Available in 12.2m lengths</p>	<p><b>NOT STANDARD</b></p>



## Customised Solutions

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## Project Details

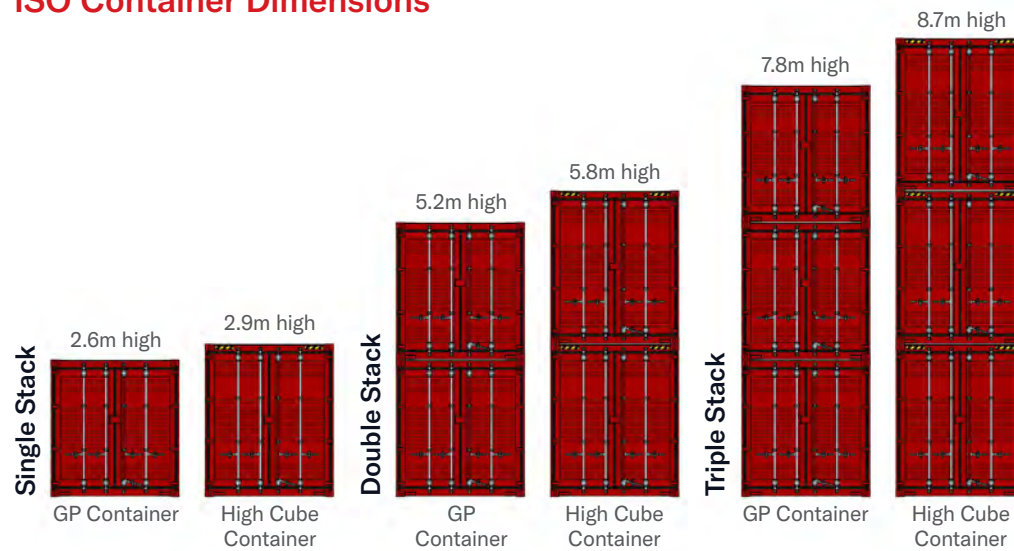
- **Location:** Incitec Pivot, Phosphate Hill, QLD
- **Year:** 2020
- **Specifications:** 23m Wide x 290m Long
- **Mounting System:** Containers
- **Wind Region:** A

# STEP 2 CHOOSE YOUR LENGTH

## Standard & Hi-cube Containers

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

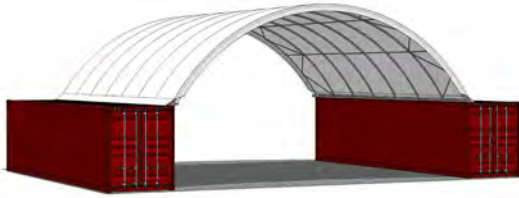


20ft / 6.05m

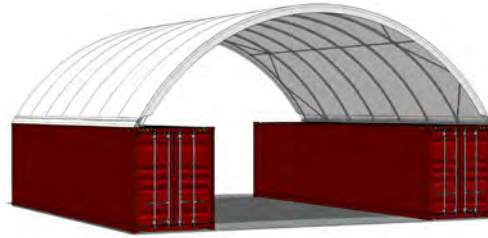


40ft / 12.2m

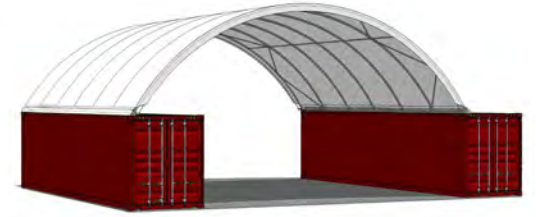
# STEP 3 MOUNTING TYPES



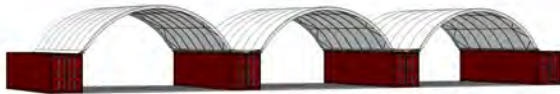
Containers Outside



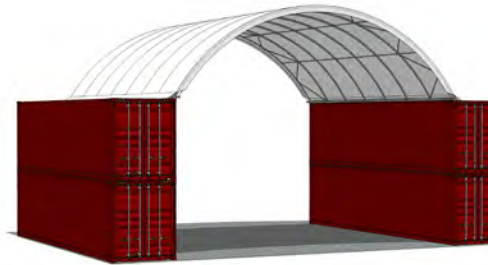
Containers Inside



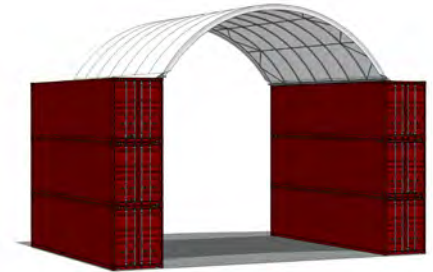
Container Inside & Outside



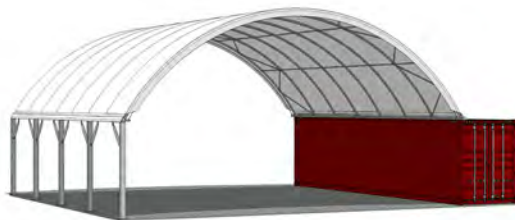
Multiple Bay



Double Stacked Containers



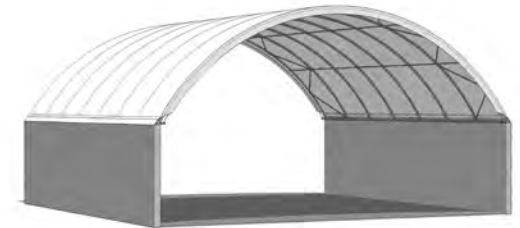
Triple Stacked Containers



Container & Post Mounted (Combination)



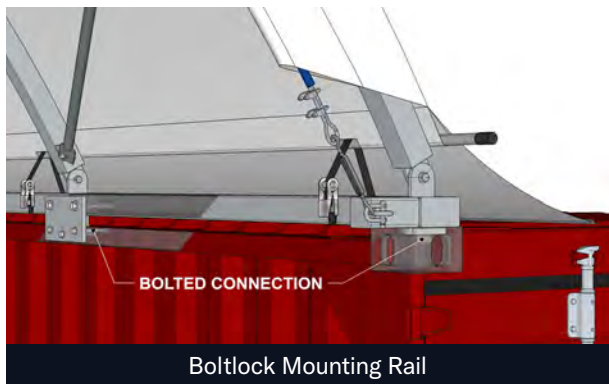
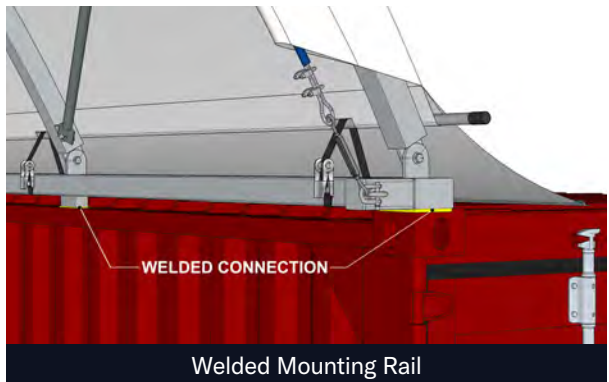
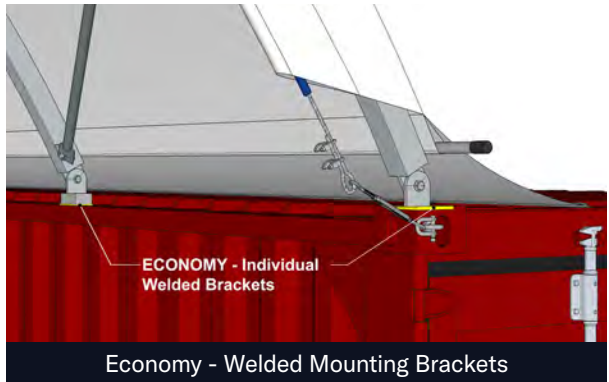
Post Mounted



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*

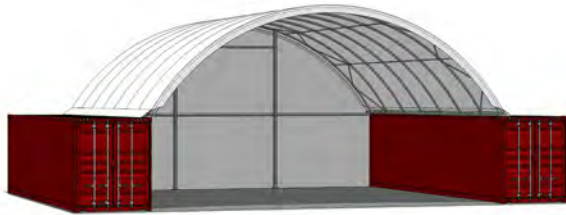


\*Subject to engineers advice for structures over 15m

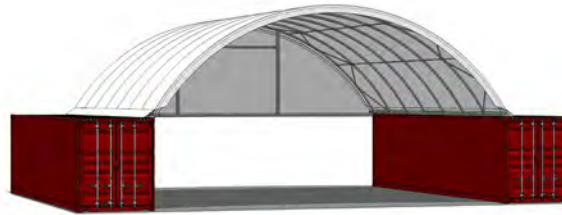


# STEP 4 END WALL STYLE

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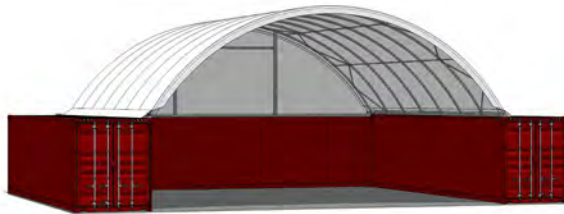
Full End Wall



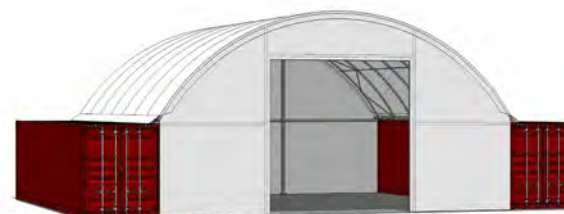
Suspended Partial End Wall



Column Supported Partial End Wall

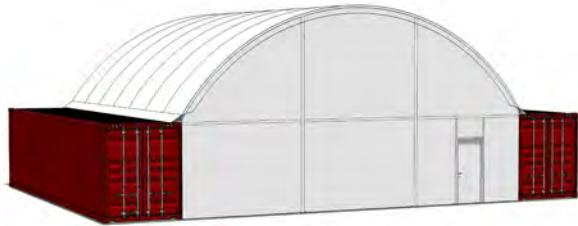


Container Supported Partial End Wall



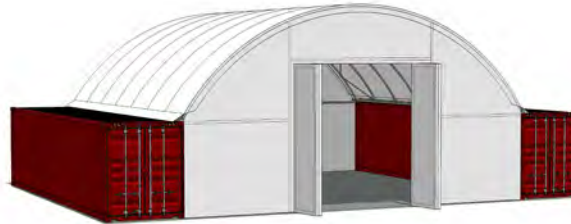
Doorway Opening End Wall

# STEP 4 DOOR TYPE



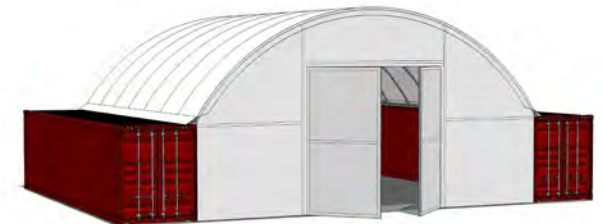
Steel PA Door

820 x 2040mm Pre-Hung personal access door



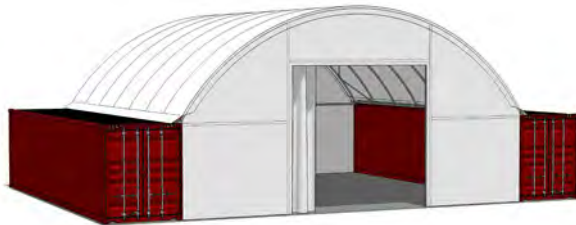
Bi-Fold Door

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



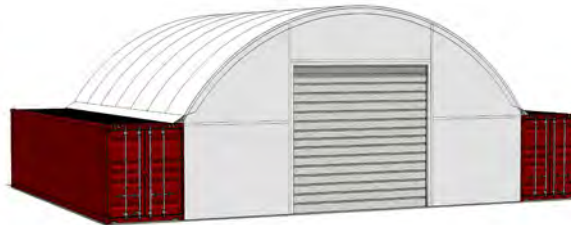
Hinged Double Door

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



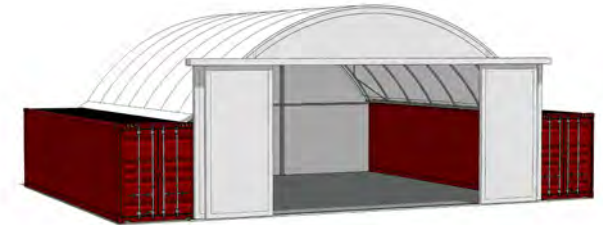
Sliding Curtain Door

Economy option - Recommended for short term or low use requirements



Roller Shutter Door

Cyclonic 49m<sup>2</sup> - Standard 130m<sup>2</sup>  
\*maximum width/height depending on design wind rating



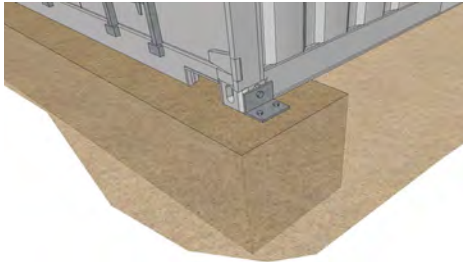
Sliding Door

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

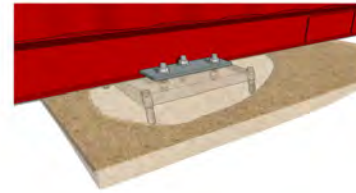


Concrete Footing  
Container Hold Down Bracket



Pier Footing

## Ground Anchors

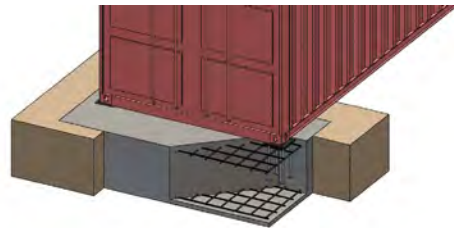


Surefoot Ground Anchors

## Ballasts



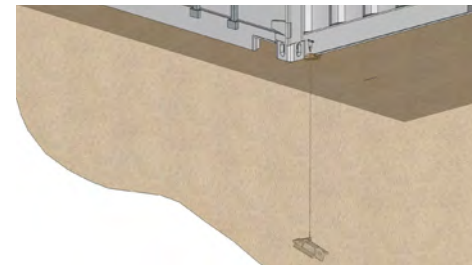
Internal Ballast  
Sand / Crushed Rock / etc.



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 End Wall

\*end wall is not stocked.

# 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.

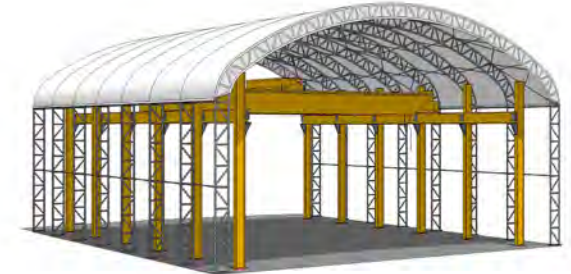
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Tyre Bay



Multi-building Facility



Industrial Building



Heavy Vehicle Workshop



Warehouse / Bulk Storage



Aircraft Hangers

**DOMESHELTER AUSTRALIA**

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

FEEDBACK SAVE PROGRESS START OVER PRINT SHARE REQUEST A QUOTE

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

3D



**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™ 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.



# ENGINEERED TO PROTECT

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

## Head Office

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Australia

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