



**ABSCO
SHEDS**
So Tough. Too Easy.

CYCLONE KIT UPGRADE

Guidelines & Classifications



Call 1800 029 701 for 7 Day Customer Service

CYCLONE KIT UPGRADE

ABSCO CYCLONE KITS

Most Absco Sheds are approved to Australian Standards AS11790.2.02 non-cyclonic conditions (N2)*. Installing a Cyclone Kit will upgrade your shed to C1. Read the following pages to learn more about your cyclone rating and if you are eligible for an Absco Cyclone Kit Upgrade.

*Wind ratings are subject to change.

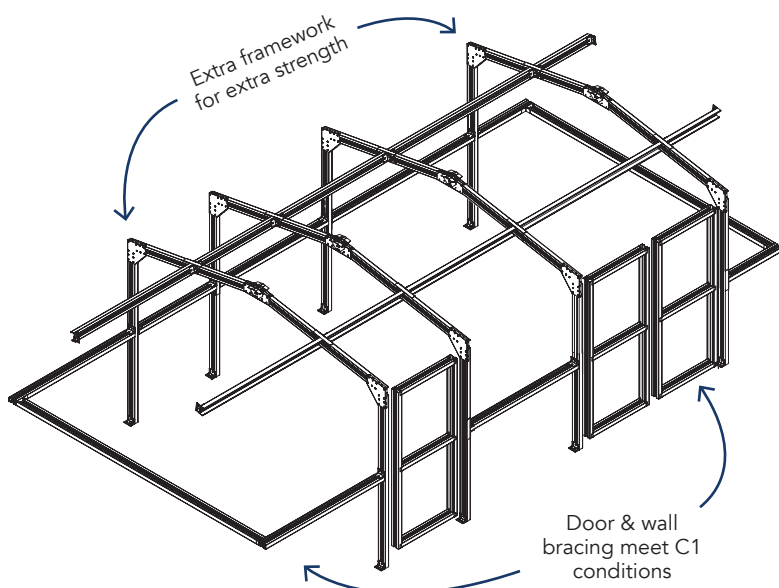
SUPERIOR STRENGTH STEEL

All Absco products are made and manufactured in Brisbane, Australia, and are made to meet all Australian conditions from high tensile, superior strength steel, designed for maximum strength and security. Absco Sheds come with a Lifetime Warranty against rust and corrosion.

CYCLONIC REGION GUIDELINES

Please confirm the wind rating and requirements with your local council before purchasing.

Documentation: For construction in cyclonic regions you are required to receive written council building approval before you purchase.



WHICH CYCLONE KIT WILL YOU NEED?

MODEL	CYCLONE KIT
1.5mW x 1.5mD Sheds*	CYC15
Space Saver Range*	CYCSKRSK
Premier Range	CYCGK
Regent Range	CYCRK
Utility Range	CYCWKUTK
Workshop Range	
Highlander Range	CYCHK

Each frame kit is compatible with multiple shed sizes. Cutting the frame to size is necessary.

Framing requirements differ per range so some parts are not required for some sheds.

*Cyclone Kits are not suitable for 0.8mD sheds



Contact us 7 days a week

AU **1800 029 701** NZ **0800 466 444**

www.abscosheds.com.au



CYCLONE KIT UPGRADE

Follow the below process to determine what Cyclone Kit Upgrade is required:

1. Wind Region

2. Terrain Category

3. Shielding Factor

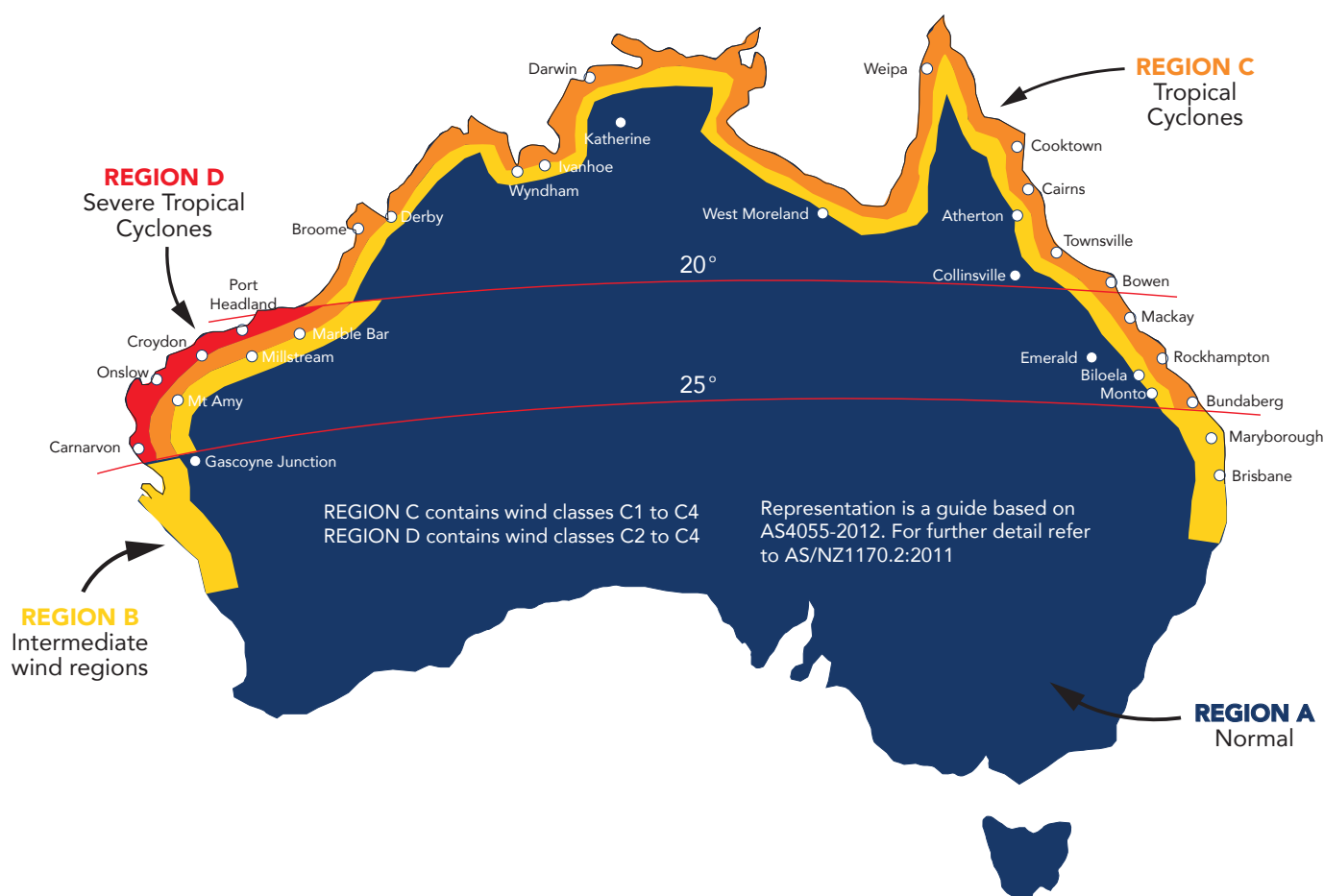
4. Topography Effect

The wind classification of your property depends on Wind Region, Terrain Category, Shielding Factor, and Topography Effect. For more information on wind classifications in your area, please check with your local council before purchasing an Absco product.

This information is to be used as a guide only. For more details on cyclonic ratings please refer to the Australian Standard AS/NZS1170.2:2011.

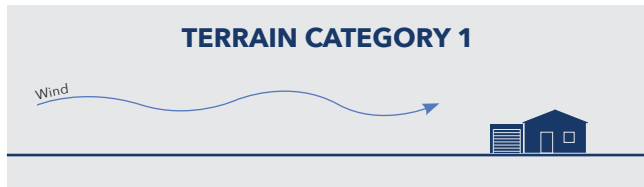
1. WIND REGION

The Absco Cyclone kits are only suitable in some Region C areas (orange). Absco Cyclone kits are not suitable for Region D (red). If you are located in Region A, B or C, consider the following wind classification pages, to determine your wind rating.



2. TERRAIN CATEGORY

Determine the Terrain Category of the shed location. This category describes the surrounding surfaces of your property.



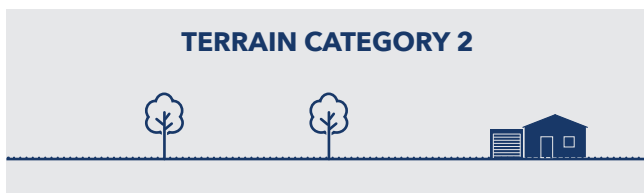
CATEGORY 1 - TC1

Open, exposed terrain with little to no obstructions. Areas with limited, enclosed water surfaces, and flat dry ground. For example; empty, flat plains with no trees within 10km of the wind direction.



CATEGORY 1.5 - TC1.5

Open areas with exposure to nearby water surfaces subject to shoaling. For example; bayside properties, closeby lakes or seas, extending more than 10km in the wind direction.



CATEGORY 2 - TC2

Open terrain with no more than 2 nearby obstructions per hectare, with heights between 1.5m to 5m. For example; farms and cleared subdivisions with grass and isolated trees.



CATEGORY 2.5 - TC2.5

Terrain with nearby obstructions such as trees and neighbouring properties. This category sits in-between TC2 and TC3 and represents the terrain in outer urban areas on acreage or developments with less than 10 buildings per hectare.



CATEGORY 3 - TC3

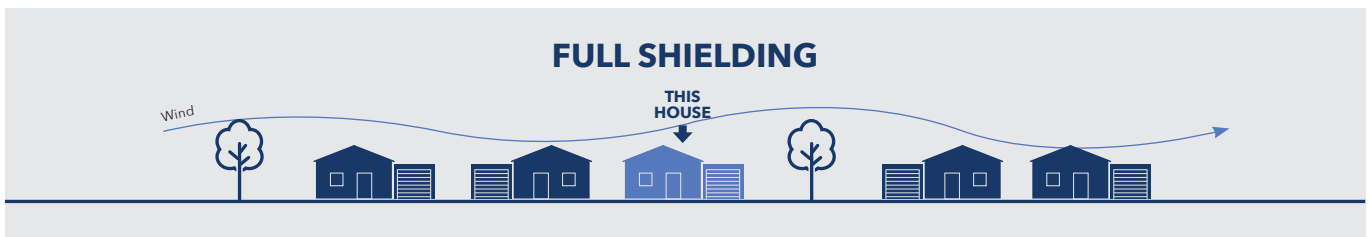
Numerous closely spaced obstructions in areas of suburban housing and estates. Nearby obstructions have heights between 3m to 10m. The object density should include at least 10 house-size obstructions per hectare.

3. SHIELDING FACTOR

Determine the Shielding Factor of the shed location within 500m of your property.

FULL SHIELDING - FS

Full shielding where the property is surrounded by at least two rows of other properties, or similar large permanent structures. In Regions A & B, areas with many surrounding trees and forestry within 100m will provide full shielding. Full shielding is typically found in standard suburban developments with more than 10 houses per hectare. If the property is within two properties of parklands, water or airfields larger than 100m, it will be considered as partial or no shielding.



PARTIAL SHIELDING - PS

Partially shielded where the property is close to at least 2.5 houses, trees or other similar structures such as sheds or garages. For example; acreage type suburban development or parklands, the second row of houses is considered partially shielded.



NO SHIELDING - NS

No shielding where there are less than 2.5 permanent obstructions or nearby buildings, trees or other structures in the surrounding area. For example; single houses or single rows of houses.



4. TOPOGRAPHY EFFECT

Determine the topography classification of the shed location, based on its position on a hill. The topography scale depends on how steep and how high the property is. The wind pressures drop down over the other side of a hill.

Maximum Slopes	Location on Hill (Zone)					
	Lower Third	Mid Third	Top Third			Over the Hill
			H <10m	H 10-30m	H >30m	
< 1:20 Very Flat	T0	T0	T0	T0	T0	T0
1:20 to 1:10 Flat	T0	T0	T1	T1	T1	T0
1:10 to 1:7.5 Small Hill	T0	T1	T1	T2	T2	T0
1:7.5 to 1:5 Medium Hill	T0	T1	T2	T2	T3	T1
1:5 to 1:3 Big Hill	T0	T2	T2	T3	T4	T2
> 1:3 Cliff	T0	T2	T3	T4	T5	T3

H = Height

CYCLONE REGION GUIDE

Wind Classification

The classification is based on the Wind Region, Terrain Category, Shielding and Topography rating determined on the previous pages. Determine your wind rating by viewing the table below, and consider this when purchasing an Absco shed or Cyclone Kit.

Wind region	Terrain Category	Topographic class												
		T0			T1			T2			T3		T4	T5
		FS	PS	NS	FS	PS	NS	FS	PS	NS	PS	NS	NS	NS
A	3	N1	N1	N1	N1	N2	N2	N2	N2	N2	N3	N3	N3	N4
	2.5	N1	N1	N2	N1	N2	N2	N2	N3	N3	N3	N3	N4	N4
	2	N1	N2	N2	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4
	1.5	N2	N2	N2	N2	N3	N3	N3	N3	N3	N3	N4	N4	N5
	1	N2	N3	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	N5
B	3	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	N5
	2.5	N2	N3	N3	N3	N3	N3	N3	N4	N4	N4	N4	N5	N5
	2	N2	N3	N3	N3	N3	N4	N3	N4	N4	N4	N5	N5	N6
	1.5	N3	N3	N4	N3	N4	N4	N4	N4	N4	N5	N5	N5	N6
	1	N3	N4	N4	N4	N4	N4	N4	N5	N5	N5	N5	N6	N6
C	3	C1	C1	C2	C1	C2	C2	C2	C2	C3	C3	C3	C3	C4
	2.5	C1	C2	C2	C2	C2	C2	C2	C3	C3	C3	C3	C4	N/A
	2	C1	C2	C2	C2	C2	C3	C2	C3	C3	C3	C4	C4	N/A
	1.5	C2	C2	C3	C2	C3	C3	C3	C3	C4	C4	C4	N/A	N/A
	1	C2	C3	C3	C3	C3	C3	C3	C4	C4	C4	N/A	N/A	N/A
D	3	C2	C3	C3	C2	C3	C3	C3	C4	C4	C4	C4	N/A	N/A
	2.5	C2	C3	C3	C3	C3	C4	C3	C4	C4	C4	N/A	N/A	N/A
	2	C3	C3	C4	C3	C4	C4	C4	C4	N/A	N/A	N/A	N/A	N/A
	1.5	C3	C4	C4	C4	C4	N/A	C4	N/A	N/A	N/A	N/A	N/A	N/A
	1	C3	C4	C4	C4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Legend:

FS = Full Shielding PS = Partial Shielding NS = No Shielding
 N = Non-Cyclonic C = Cyclonic N/A = Not Available

Note: N1-N6 are non-cyclonic wind ratings, C1-C4 are cyclonic wind ratings.



DISCLAIMER

Absco Sheds have undertaken every effort to ensure all images and product information is correct and relevant at the time of printing. We reserve the right to correct printing errors at any time without notice. Images included in this catalogue are for illustrative purposes only and may not show all or correct colours, product features and/or optional extras.

This document is intended to be an aid for stakeholders to gather an understanding of what Absco Cyclone Kit they will need for their shed, but should not overwrite council approval or judgement.

Absco will not accept any responsibility or liability, for any Absco product supplied or constructed within a cyclonic region prior to receiving a written building approval that may subsequently fail to receive final building certification.

CONTACT US 7 DAYS A WEEK

