

# WIND RATED ROLLER DOORS



In high wind and cyclonic areas, it's sometimes necessary to engineer your garage or industrial door a little differently to ensure it withstands the particular stresses it may be subject to. Dynamic's wind rated roller doors are ideal for use in homes, sheds, commercial and industrial warehouses in high wind prone areas.

Dynamic's wind rated roller door has been engineered to the highest standard and tested at the James Cook University Cyclone Testing Station against the wind loading requirements of AS/NZS 4505-2012.



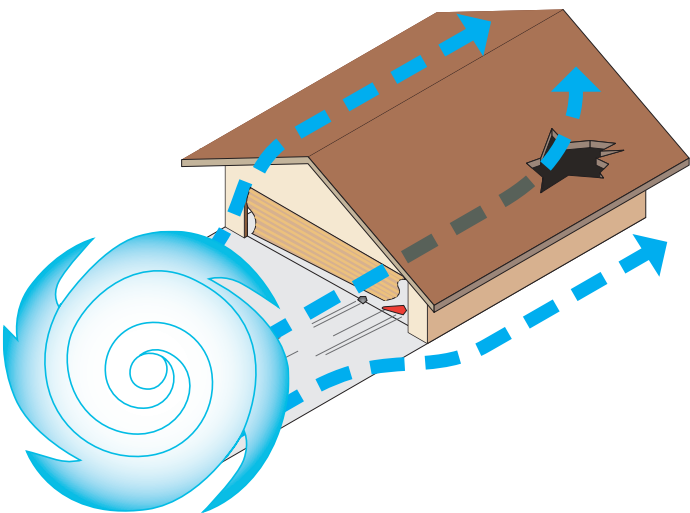


# Is Your Garage Door Prepared for A Cyclone?

As the homeowner, it is important to check with your local council for your home’s specific wind load requirements and appropriate design pressure.

Australia is a great place to live. However, every year from November to April, cyclones can affect the eastern, northern and western coastlines, so whether you live in the city or the rural area, learning to protect yourself, your family and your property from cyclones is very important.

As the largest point of entry, your garage door offers the greatest threat for high-pressure destruction. A number of studies have discovered one of the common failures during cyclone event was disengagement of roller doors from their guides. This left the door curtain free to flap in the opening and allowed wind and water to enter the house, which caused the roof and walls to fail. On some buildings, the change in internal pressure caused other damage to the structure.



If you live in high wind and cyclonic areas, it’s necessary to engineer your garage door a little differently to ensure it withstands the particular stresses it may be subject to and minimise the potential damage to your home.

New homes in cyclone-prone areas of northern Australia are now required to use wind-resistant garage doors, installed professionally to meet the current National Construction Code.

## Steel-Line Wind Rated Roller Doors

Superior strength and rigidity are qualities of the unique design of the Steel-Line wind rated roller doors used in high wind or cyclonic locations.

### Stringently tested to meet wind load requirements

Dynamic wind rated garage doors have been engineered to the highest standard and tested at the JCU Cyclone Testing Station against the wind loading requirements of AS/NZS 4505-2012.

### Designed for strength and safety

Dynamic wind rated roller doors are designed to provide additional reinforcement in pressure conditions caused by strong winds from extreme weather. They have been widely used for homes, sheds, commercial and industrial warehouses in high wind prone areas.

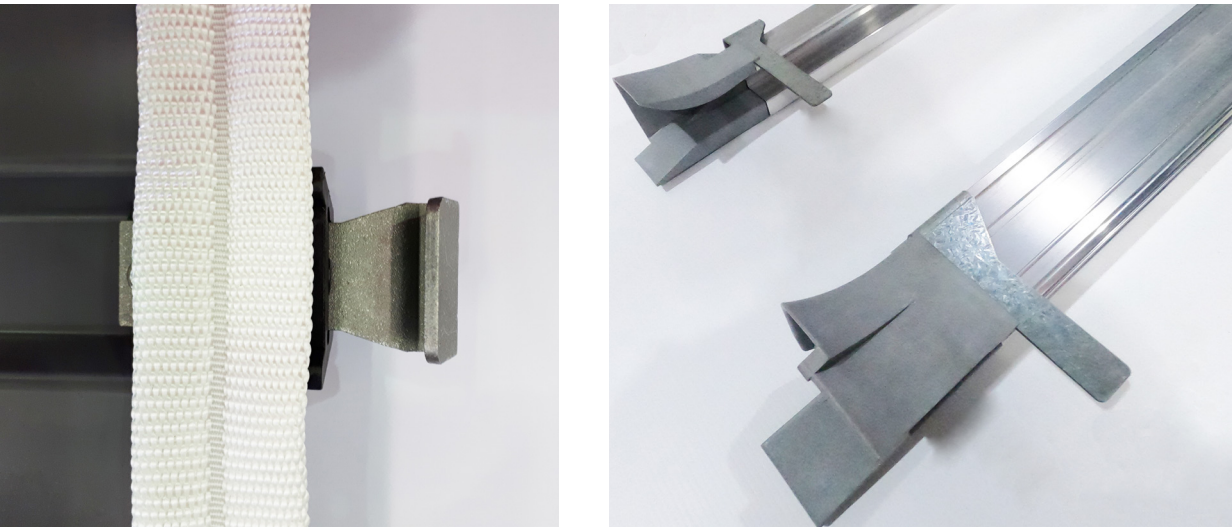
The wind rated roller door incorporates a moulded lug secured to the door curtain, which interlocks the matching shaped side-guide. The design ensures smooth operation of roller door combined with ability to withstand high force wind conditions and dramatically reducing the potential for the door to damage property and personnel.

Our wind rated roller door also serves as an extra safe-guard against break-ins because the curtain cannot be easily pushed in helping to prevent unwanted entry.

## Heavy duty and reinforced hardware throughout product

Windlock Clip

Windlock Guide



## Various design options to meet size and wind load requirements

GARAGE DOOR	SERIES	WIND CLASSIFICATION	WIND SPEED (KM/HR)	MAX DOOR HEIGHT (MM)	MAX DOOR WIDTH (MM)
Wind Rated Roller Door	A, AA, B	N1	103	5100	5500
		N2	123		5500
		N3	147		4500
		N4	180		3250
		C2	220		5500
		C3	270		5300
		C4	310		4500

## Wind Classification

AS4055-2012 is based on a ten-band wind classification system: N1 to N6 for non-cyclonic Region A & Region B; and C1 to C4 for cyclonic Region C & Region D. A higher classification number means the wind speed is higher.

## Location Classification

Cyclonic Classification:

- Region C

Region D
- Region A

Region B



Refer to the AS4055-2012, FIGURE 2.1 BOUNDARIES OF REGIONS A, B, C AND D for more information.

## Colour Options

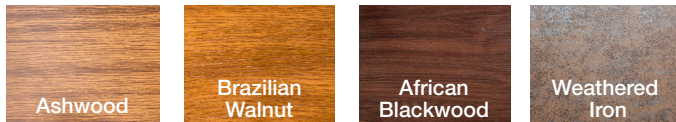
Colobond



**Matt  
Range**



UniCote<sup>®</sup> LUX



NOTE: The colours shown are a guide only. The limitations of printing processes make extremely accurate matches impossible. We strongly recommend comparing your choice with actual samples. Additionally, Steel-Line reserves the right to vary or delete colours without notice.

## Roller Door Openers

Fit your Dynamic wind rated roller door with a specially designed automatic opener for safe and hassle free entry to and exit from your garage or shed.

All of our openers are engineered to the highest standards ensuring easy operation, optimum performance, long life and peace of mind.

- Compliant to Australian and New Zealand Standard AS/NZS 60335-1 and AS/NZS 60335-2-103
- Soft start / stop function to ensure smooth and quiet door operation
- Courtesy lighting illuminates your garage when the opener is activated.
- Manual Release: in case of power failure you can simply activate the manual release to open your garage door.
- Safety Auto Reverse System: door immediately stops and reverses when it comes into contact with an object.
- 2 remote handsets, a wireless wall button and a battery backup unit
- 2 year / 10,000 cycle warranty

Powerhead



2 x 4-Channel Handsets



Battery Backup



Wireless Wall



**DYNAMIC<sup>TM</sup>**  
**DOOR SERVICE**

**dynamicds.com.au | 1300 645 056**

QBBC: 1062927 | CBS: 273837