

**Product Name** 

CycloneSafe ROLLER SHUTTER

**Product Description** 

EXTERNALLY MOUNTED ROLLER SHUTTER

Manufacturer's Name

CW PRODUCTS PTY LTD PH: +61 8 8341 0120

## Design Criteria

- Site Wind Speed to be determined in accordance with AS/NZ1170.2-2011, Amdt 1 to 5, Part 2:Wind Loads.
- Design wind loads in accordance with AS4505:2012 Garage Doors and Other Large Access Doors
- Cpn = 1.31 (inwards) & 1.51 (outward)
- The supporting jambs of the roller shutter shall be designed for the Fx and Fy loads as indicated in the table.
- Reaction Loads Fx and Fy are conservatively based on rigid supports.
- Linear Interpolation between adjacent tabled shutter widths and wind pressures is permitted.
- No extrapolation of any tabled results is permitted.
- For application on the external face of wall openings.

## Limitations

- Impact resistance not assumed in calculations
- Roller shutter guides must be installed with the gap as nominated.
- Proprietary masonry anchors must be installed in accordance with the manufacturers instructions
- Roller Shutter height not greater than 3m
- Roller Shutters limited to fixing on external faces of the walls
- For installation on Class 1 & 10a buildings only

Accepted for Inclusion

DTCM ref: M/735/01

- The above specification is based on test reports
  No TS878 by JCU Cyclone Testing Station (14/02/2013)
  No 183 by Blanmore Test Laboratories (08/09/2014)

Wisnu Lim Name: NT Rego Number: 145651Es

Date

Signature

26/07/2020

Name: John L Towler NT Rego Number: 24642ES 31/07/2020 Date

Chairman's Signature:

Chairman's Name: Paul Nowland

Date of Approval: 19/11/2020 Expiry Date:19/11/2025

## IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1). THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA

