

Cyclone Testing Station
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TEST SUMMARY SHEET – TS895

Reappraisal Date of Test Summary Sheet: 30 June 2017 (See Note 2 below)

Cyclic strength simulated wind load testing was conducted on **Series 2 Roll - A - Door®**. The testing was performed with the use of new materials provided by **B & D Doors & Openers**. All tests were NATA accredited.

Description of Roller Doors and Set-Up Tested

Product Name: Series 2 Roll - A - Door®
 Door Curtain Material: 0.50 mm BMT COLORBOND ZALG300S2 steel
 Door Dimensions: 2040 mm high and multiple span width
 Door Curtain Profile: Curved rib/pan profile sheets with nominally 8 mm wide ribs that are nominally 20 mm high and spaced at nominally 77 mm centres.
 Windlock Clips: Steel flat specified as nominally 38 mm wide and 1.6 mm thick with a nominally 20 mm long 'Hook' folded at an angle of nominally 55° to restrain the clips.
 Windlock Clip Fixing: Each clip fixed to the curtain flats (pans) using two stainless steel rivets.
 Windlock Clip Spacing: Every flat of the curtain (nominally 77 mm centres), excluding flats (pans) containing a join.
 Guide: 4.0 mm thick Aluminium extrusion, nominally 122 mm wide and 52 mm high.
 Guide Fixings: 2 off M10 bolts through front and rear legs of guide at 220 mm centres along guide.
 Guide Supports: 100 mm × 150 mm × 10 mm unequal angle mild steel beams (not being tested)
 Windlock Clip Set-up: Windlock Clip 'Hooks' set-up to be in middle of cavity to guide (6mm nominal Pull-in to each guide)

Manufacturer's Details

Name of Manufacturer: B & D Doors & Openers Pty Ltd
 Address of Manufacturer: 34 – 36 Marigold Street, Revesby NSW 2212

Report and Test Details

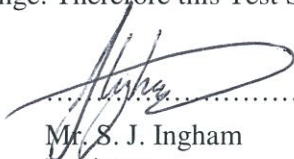
Report Details: Cyclone Testing Station Report No.TS895, dated 7 June 2013
 Report Title: Simulated Cyclic Wind Load Testing of Series 2 Roll - A - Door®
 Test Regime: AS/NZS 4505:2012

Nominal Curtain Width (mm)	Location of Windlock Clips	Loading Direction	Recommended Cyclonic Ultimate Strength Design Wind Capacity (kPa)
3,000	Every Flat	Outward	4.89
4,000			3.76
5,500			3.01

Conditions of Use

1. Refer to Report No.TS895, (contact B & D Doors & Openers) for full details of the door installation, test methods and results;
2. These design capacities are based on legislation and standards that are current at the time of issue and may be subject to change. Therefore this Test Summary Sheet should be reappraised by the date noted.

Signed


Mr. S. J. Ingham
Engineer

Date

7/6/2013


Mr. C. J. Leitch
Senior Consulting Engineer
Authorized Signatory

7 - June - 2013