

Cyclone Testing Station
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TEST SUMMARY SHEET – TS894 Revision A (Original issue 06/06/2013 – Latest Update Apr 2025)

Expiry Date of Test Summary Sheet: 30 Jun 2026

Static and cyclic simulated wind load strength testing was conducted on **Series 1 Roll-A-Door®** continuous curtain Roller Door. The testing was performed with the use of new materials provided by **B & D Doors & Openers**. The test regimes used in 2013 are identical to that currently specified in 2025. All tests were NATA accredited.

Description of Roller Door and Set-Up Tested

Product Name: Series 1 Roll-A-Door®
 Door Curtain Material: Stated to be 0.4 mm BMT COLORBOND ZALG300S2 steel.
 Curtain Profile: Trapezoidal profile with ribs 15 mm high and 41 mm wide at top (external) face. Rib pitch approximately 82 mm.
 Curtain Assembly: Curtain formed by interlocking adjacent sheets creating a continuous folded seam join.
 Wind Locks: 16 mm × 23 mm rectangular base, “T” shaped aluminium extrusion; 2.5 mm by 1.5 mm raised centre section.
 Wind Lock Fixings: Each wind lock plate riveted to door curtain with two stainless steel rivets, one each side of raised centre section.
 Wind Lock Spacing: Every rib (in blow in orientation) and every pan excluding pans with joins (in blow out orientation)
 Guide Track: Aluminium extrusion with overall 90 mm base with 27 mm opening for door curtain; ridges at either edge of opening for wind locks to engage.

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. TS894 Revision A, dated 06 June 2013
 Report Title: Simulated Wind Load Testing of Series 1 Roll-A-Door®
 Reappraised Test: Static and Cyclic wind loading to AS/NZS 4505:2012 (Incorporating Amendment No. 1)
 Regimes: Reconfirmed 2017 clause A 6.3.1 and A 6.3.2, respectively

Recommended Limit State Design Wind Pressures

Nominal Curtain Width (mm)	Loading Direction	Recommended Non-Cyclonic Ultimate Strength Design Wind Capacity (kPa)
2,300	Outward	5.80
3,150	Outward	4.28
	Inward	2.53

Nominal Curtain Width (mm)	Loading Direction	Recommended Cyclonic Ultimate Strength Design Wind Capacity (kPa)
2,300	Outward	3.26
3,150	Outward	3.26

Conditions of Use

1. Refer to Report No. TS894 Revision A, (contact B & D Doors & Openers) for full details of the Roller Door installation, test methods and results;
2. These design capacities are based on legislation and standards that are still current at the time of re-issue, but will only be applicable if the products that being currently manufactured are identical with regards material properties, assembly, profile geometry etc, to those that were tested for the original test programme, as documented in the original report.

Signed

Mr. S. Ingham
CTS Authorizing Signatory

Mr. R. Lowe
Project Engineer

Date



Accredited Laboratory Number 14937
Accredited for compliance with ISO/IEC 17025 - Testing