



Cycle Test Report

Test Date: 8-7-2016

Test Engineer: Les Osbourne

Customer

Moddica Ltd
P.O.Box 175
Helensville
Auckland
New Zealand
T+64 21 082 40149

Product

MH03 – 101.6mm (4") Moddica door hinge

Test Performed

A 2125mm high x 944mm wide test element was hinged using three Mho3 Moddica hinges.

The hinged test element weight was 40kg (88.18lbs)

The hinged element was operated through a 90-degree angular movement for 200,000 test cycles, each cycle commencing with the hinge fully closed.

The speed of operation was 600 +/- 30 cycles per hour.

Hinges were lubricated once prior to testing.

Results

There was no failure of any component.

No cracking was visible to normal, or corrected vision.

The hinges, and test element were still operable through a 90-degree angular movement.

The hinged test element remained connected to the frame.

A handwritten signature in black ink, appearing to read 'Les Osbourne'.

Les Osbourne
Test engineer