

TEST REPORT



Your Ref: -

Date: 4 Jan 2006

Our Ref: 54S056651/2/DL

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DID: 68851429

Fax: 67793903

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SUBJECT: Endurance test (50,000 cycles) for bi-fold door.

TESTED FOR: PD Door Pte Ltd
Blk 1075, Eunos Avenue 6. Singapore 409631
Attn: Tony Lim

TEST METHOD: As per requested, the bi-fold door was subjected to 50,000 cycles of opening and closing operation at a rate of 5 cycles per minute. The bi-fold door was inspected after 50,000 cycles to examine for any obvious damage on door .

SAMPLE DESCRIPTION: 1 unit of bi-fold door, engaging top and bottom rail to slide and fold up to 90 degree, was received on 7 Dec 2005.

Overall door size : 840 mm (W) x 2135 mm (H)
Door panel size : 390 mm (W) x 2085 mm (H)

DOCUMENT SUBMITTED: 1 sheet of bi-door specification

DATE OF TEST: 12 Dec 2005

TEST RESULTS: Observation: Passed
1) Rubbing noise was heard at approximately 20,000 cycles during the endurance test.
2) No damage, detachment or dislodgment of the door parts and its components was observed after 50,000 cycles of opening and closing operation (refer to photographs on page 2).

David Li
Associate Engineer

Ong Khay Beng
Engineer
Building & Industrial Products
Testing Group



APPENDIX: PHOTOGRAPHS TAKEN AFTER 50,000 CYCLES OF ENDURANCE TEST

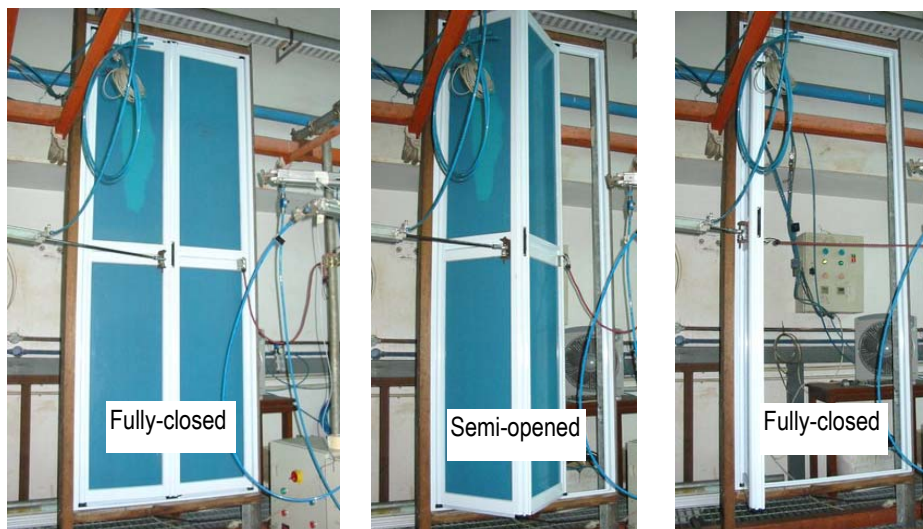


Photo 1: Test sample undergoing endurance test

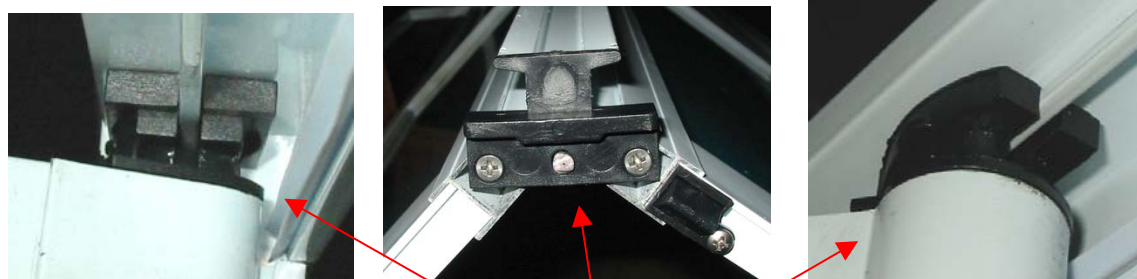
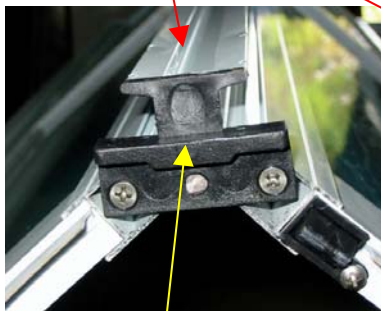


Photo 2: Close-up view of door components after endurance test.



David



Bottom folding cache is slightly worn but not damaged.

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May 2005