

Test Report No. 7191087861-MEC14-MBM_CR1
dated 22 MAY 2014

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SUBJECT:

Testing of Ladder

TESTED FOR:

SUPER-K Marketing Pte Ltd
Blk 1007 Tai Seng Avenue
#01-2616
Singapore 534411

Attn: Ms. Natalie Thai

SAMPLE DESCRIPTION:

One unit of aluminium platform ladder claimed to be "FDPL(B)" model was received on 15th April 2014 (Refer to Photo 1).

TEST METHOD:

BS 2037 : 1994 – Specification for portable aluminium ladders, steps, trestles and lightweight stagings

Annex J.2 – Test for treads

Apply to a typical tread a vertical load of 225 kg (refer to table G.1 – Class 1: industrial) over a length of 50mm for 1 minute as follows:

- a) At the centre of the tread; and then
- b) Close to one end.

Remove the load and examine the ladder for visible damage. Place a 6mm thick straight edge on the centreline of the tread climbing surface so that it is symmetrically positioned and covers 95% of the length of the tread and mid span point of the tread. Measure any space between the latter point and the straight edge.

Amendments (15 Dec 2015): Page 1 (Sample Description) and Page 2 (Table 1 – Sample Reference) were changed.



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TEST RESULTS:

Table 1 - Test for treads

Sample Reference	Aluminium Platform Ladder FDPL(B)	BS 2037 : 1994 Requirements
Residual Deflection (mm)	0.1	Upon removal of the test load, the residual deflection of the tread shall not exceed 1.0 mm (Refer to Clause 2.3.2.2)
Observation	No visible damage was observed	---

PHOTO:



Photo 1 – Submitted sample



Teo Kian Heng
Executive Engineer



Cha Ming Yang
Assistant Vice President
Industrial Products
Mechanical Centre

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July 2011

