

CERTIFICATE OF TEST

Report Number 15500/1A. Strength and Stability of Raised Furniture.
Date 09/02/2004

*Materials & Testing Laboratories
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A Issued by :

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B Client / request for test :

- Wayne Manson of Multifit Hospital Supplies Ltd, P.O Box 748, Whakatane. requested that Materials Testing Laboratories test their raisers.
- Materials Testing Laboratories tested for stability using the raisers noted below, fitted to the sample furniture noted.

C Reference : Multifit – Seating /Bedding Raisers

D Test Method

- British Standards. BS EN 1022 : 1997, Domestic furniture – seating – Determination of stability, Clauses : 7.1 Forwards Over Balancing , 7.3 Sideways Over Balancing, 7.4 Rearwards over balancing, were used to determine the stability of the raised chairs.

Non specified test was used to test Bed Blocks. A single divan bed was raised 100mm with Multifit MF 0/3 Bed Blocks and tested as follows :

- A weight of 130 kg was placed on a 430 x 730 mm ply board, on one edge of the bed in the mid section. This test was for over balancing.
- The above test was then pulled with a force of 480 Newtons across the width of the bed. This test was for sideways tipping.

E Sample Furniture and Raisers used

Standard Lazy Boy Recliner Rocker Chair / with 100 mm high MF 1/3 Chair Raiser fitted.
Enclosed Lounge Easy Chair / with 100 mm high MF 1/1 Chair Raiser fitted.
Open legged Lounge Chair / with 100 mm high MF 1/OF Chair Raiser fitted.
Open legged Lounge Chair / with 150 mm high MF 2/1 Sofa Raisers fitted.
Dining chair / with 100 mm high MF 1/LB chair Raisers fitted.
Single divan bed with six legs / with 6 x 100 mm MF 0/3 Bed Blocks fitted.

F Equipment used to make the test

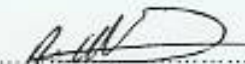
Calibrated Hydraulic Ram Gauge 34399/15
Calibrated Spring scale
Certified Load Bags
Loading pad as per code
Certified black weights

G Results

Item	Forward over balancing	Sideways over balancing	Rearwards over balancing
Multifit chair raiser			
MF 1/3 Lazy boy Chair raiser	No over balancing noted	No over balancing noted	No over balancing noted
MF 1/1 Standard Chair Raiser	No over balancing noted	No over balancing noted	No over balancing noted
MF 1/OF Open front Chair raiser	No over balancing noted	No over balancing noted	No over balancing noted
MF 1/LB Link Chair Raiser	No over balancing noted	No over balancing noted	No over balancing noted

Item	Forward over balancing	Sideways over balancing	Rearwards over balancing
Multifit Sofa Raiser			
MF 2/1	No over balancing noted	No over balancing noted	No over balancing noted

Item	Forward over balancing	Sideways over balancing	Rearwards over balancing
Multifit Bed Block			
MF 0/3 Bed Block	No over balancing noted	No over balancing noted	No over balancing noted

Signature  Printed Name *Nick Ubels*
Date *15.2.04*

