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**MaterialLab**

Client Ref. : --

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Report No. : 164441ST161011(12)

**SUMMARY OF TEST RESULTS OF WALL PARTITION****Information Supplied by Client**

Client : Fujian Jumbo New Material Corporation Limited.  
Project : Testing of Gypsum Block  
Sample Description : "JUMBO" Gypsum Block 100 mm High Density

**Laboratory Information**

Lab. Sample I.D. : ST161011/1-2  
Date Received : 24 October 2016 and 19 January 2017  
Date Test Started : 28 November 2016  
Date Test Completed : 08 February 2017

**Test Results**

Annex	Test Items	Observation	Test Results
A	Stiffness (Load Up to 500 N, HD Grade)	Max deflection -0.12 mm no damage, detachment, loosening or dislodgement	Satisfactory
B	Surface damage by small hard body impact of Junction Assembly (Impact Energy = 6 Nm, HD Grade)	Depth of Indentation $\leq$ 1.38 mm no visible cracking and breakage	1. Satisfactory 2. Judgement of Indentation per client
C	Resistance to damage by impact from a large soft body of Junction Assembly (Impact Energy = 40 Nm, HD Grade)	Max deformation 0.02 mm no visible cracking and breakage	Satisfactory
D	Perforation by small hard body impact of Junction Assembly (Impact Energy = 15 Nm, HD Grade)	No surface damage and perforation of facing	Satisfactory
E	Resistance to structural damage by large soft body impact (Impact Energy = 120 Nm, HD Grade)	No collapse or dislocation	Satisfactory
F	Door Slamming (100 Impacts, with 60 kg load HD Grade)	Displacement for preslam < 3mm, Max deflection < 1 mm no visible cracking and breakage, Door frame fittings & architraves are not detached and loosened	Satisfactory

Remark : The test results relate only to the samples tested.

Checked by : 2 Date : 28 FEB 2017 Certified by : K.T. Leung Date : 28 FEB 2017  
Leung Kwok Tai, Stanley

Assistant Manager (Product Testing Laboratory)

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**Test Results**

Annex	Test Items	Observation	Test Results
G	Crowd Pressure (Load = 2 kN/m and 3kN/m)	No collapse or dangerous damage	1. Satisfactory 2. Comply to HKHA Specification (Load = 2kN/m)
H	Lightweight anchorage Pull-out (Load Up to 100 N)	Shim retained and no damage to panel	Satisfactory
J	Lightweight anchorage Pull-down (Load Up to 250 N)	Shim retained, no damage to panel and displacement <2 mm	Satisfactory
K	Heavyweight anchorages Wash basins (Load: Up to 1500 N)	At applied load of 500N, max deflection <5 mm, At applied load of 1000N, 1250N and 1500N, max. deflection < 20 mm, Shim retained, no damage to panel residual deformation <1 mm	Satisfactory
L	Heavyweight anchorages High Level Wall Cupboard (Load: Up to 4000 N)	Shim retained, no damage to panel residual deformation <1 mm max. deflection < 5 mm	Satisfactory

Remarks : 1.) The test results relate only to the samples tested.

2.) The test results comply with HKHA SL 2012 MAS1.M210.6 2(d) vi and the acceptance  
requirement of BS 5234 : Part 2 : 1992.

Checked by :   *i*   Date : 28 FEB 2017 Certified by :   *K.T. Leung*   Date : 28 FEB 2017

Leung Kwok Tai, Stanley

Assistant Manager (Product Testing Laboratory)

**\*\* End of Report \*\***

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