

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MaterialLab



Client Ref. : --
Report No. : 164441ST161011

Page 1 of 3

REPORT ON DETERMINATION OF PARTITION STIFFNESS

Information Supplied by Client

Client : Fujian Jumbo New Material Corporation Limited.
Project : Testing of Gypsum Block
Sample Description : "JUMBO" Gypsum Block
Nominal Size : 600 mm x 500 mm x 100 mm (T)
Date Cast : 15 November 2016 to 22 November 2016
Density : 1100kg/m³±5%
Age : --

Laboratory Information

Lab. Sample I.D. : ST161011/1
Test Location : Kam Tin Laboratory of MaterialLab
Address of Test Location : DD111, Lot 3028, Wang Toi Shan Village, Pat Heung, Kam Tin, N.T.
Date Received : 24 October 2016
Date Tested : 29 November 2016
Test Method : BS 5234 : Part 2 : 1992, Annex A
Test Grade : Heavy Duty

Test Results

Applied Load (N)	Duration of Applied Load (Minute)	Reading of Dial Gauge (div)	Displacement of Partition (mm)	Observation
0	--	--	--	No damage
100 (Pre-load)	1	--	--	No damage
0	1	945	0	No damage
100	2	940	0.05	No damage
200	2	939	0.06	No damage
300	2	936	0.09	No damage
400	2	934	0.11	No damage
500	2	933	0.12	No damage
0	5	945	0	No damage

Observation : During and after the test, no damage, detachment, loosening or dislodgement of the partition or fixings was observed.

- Remarks :
- 1.) The test results relate only to the sample tested.
 - 2.) BS Requirement : No damage or detachment, loosening or dislodgement of a partition's parts or fixings. The max. deflection shall be ≤15 mm, max residual deformation shall be ≤ 2 mm.
 - 3.) The test results **comply** with HKHA SL 2012 MAS1.M210.6 2(d) vi and the acceptance requirement of BS 5234 : Part 2 : 1992, for Heavy Duty Grade.
 - 4.) The test configuration are shown in the photographs on page 2 of this report.
 - 5.) The block wall project's drawing is shown in the photograph on page 3 of this report.

Checked by : i Date : 28 FEB 2017 Certified by : St. Leung Date : 28 FEB 2017

Leung Kwok Tai, Stanley
Assistant Manager (Product Testing Laboratory)

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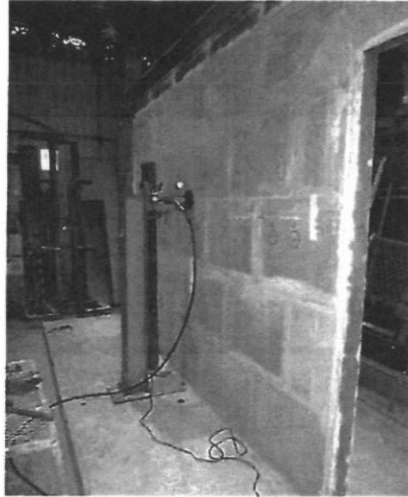
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Test Configuration
Sample I.D.: ST161011/1



Test Configuration
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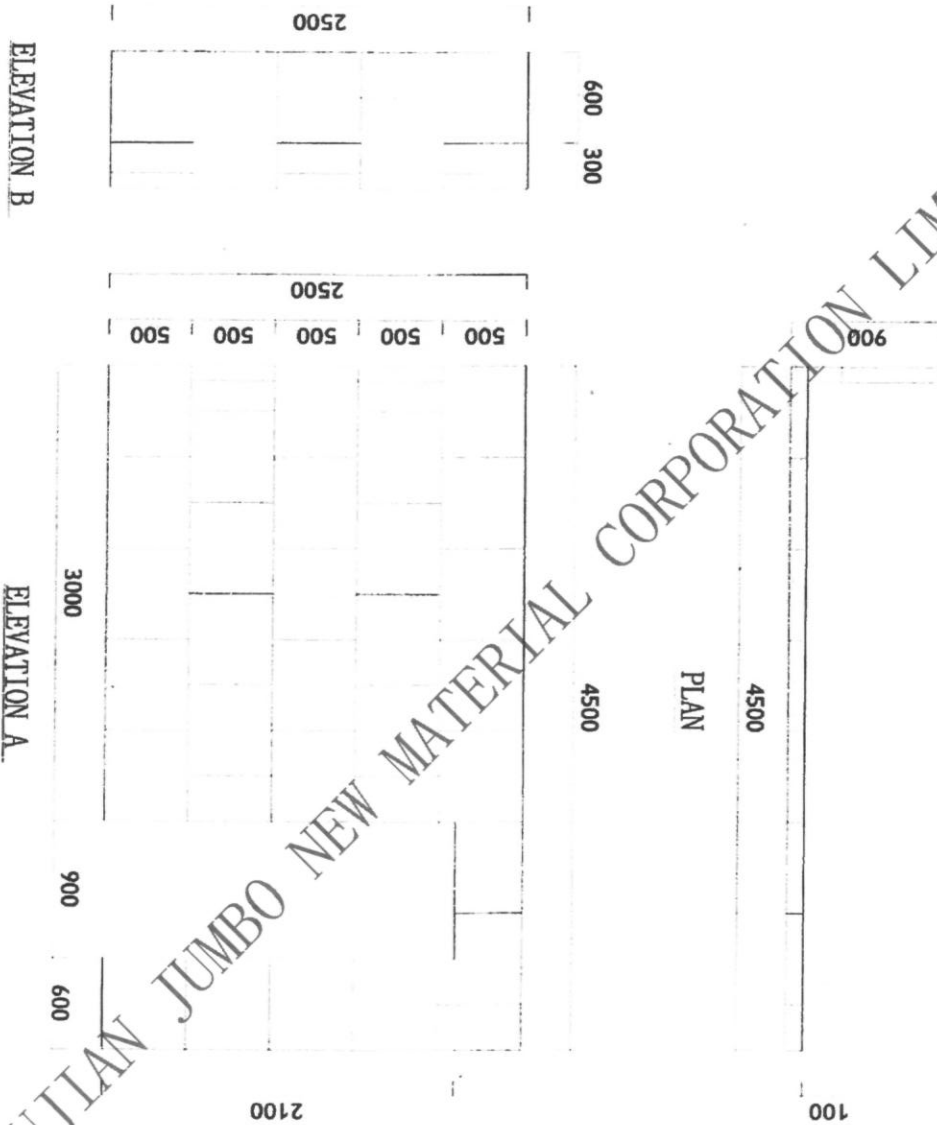
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REMARKS:
1) ALL DIMENSIONS ARE IN mm



<p>福建正富新材料股份有限公司 FUJIAN JUMBO NEW MATERIAL CORPORATION LIMITED Project Address: Fujian Province, China Tel: +86-591-25119191 E-mail: matlab@fugro.com</p>	
<p>NOTES 备注 1) The results of the strength, physical and chemical tests are for reference only. They are not to be used for design purposes without the approval of the design engineer. The design engineer shall be responsible for the design and construction of the wall system. 2) The drawings and tests are valid for the project only. They are not to be used for other projects without the approval of the design engineer.</p>	
<p>PROJECT NAME 项目名称 JUMBO GYPSUM BLOCK WALL SYSTEM</p>	
<p>PROJECT ADDRESS 项目地址 KAM TIN LABORATORY OF MATERIALS</p>	
<p>REVISION 修改 NO. DATE DESCRIPTION REV. DIM</p>	
<p>DRAWING TITLE 图名 JUMBO GYPSUM BLOCK ASSEMBLY FOR BS EN 12620 PART 1992 PERFORMANCE TEST</p>	
<p>DESIGNED BY 设计 FJZB-SJT-01</p>	
<p>SCALE 比例 AS SHOWN</p>	
<p>CHECKED BY 审核 Y.M.</p>	
<p>DATE 日期 2011.07.18</p>	
<p>DESIGNED BY 设计 Y.M.</p>	
<p>CHECKED BY 审核 Y.M.</p>	

End of Report