

# FUGRO TECHNICAL SERVICES LIMITED

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# MaterialLab



Client Ref. : --  
Report No. : 164441ST161011(3)

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## REPORT ON DETERMINATION OF RESISTANCE OF A WALL PARTITION TO PERFORATION BY SMALL HARD BODY IMPACT

### 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/m<sup>3</sup>±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 : 28 November 2016  
Test Method : BS 5234 : Part 2 : 1992, Annex D  
Test Grade : Heavy Duty

### Test Results

Position	Angle of Swing (°)	Impact Energy (Nm)	Pendulum Drop Height (mm)	Observation	Specification for Acceptance
A	80.4	15	0.5	No damage	No perforation of the partition, corner junction or panel of a hollow section
B	80.4	15	0.5	No damage	
C	80.4	15	0.5	No damage	
D	80.4	15	0.5	No damage	
E	80.4	15	0.5	No damage	
F	80.4	15	0.5	No damage	
G	80.4	15	0.5	No damage	
H	80.4	15	0.5	No damage	
I	80.4	15	0.5	No damage	
J	80.4	15	0.5	No damage	
K	80.4	15	0.5	No damage	

- Remarks :
- 1.) The test results relate only to the sample 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.
  - 3.) The test configuration and the test positions are shown in the photographs on page 2 of this report.

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

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

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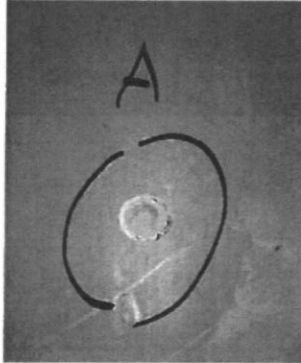
Client Ref. : --

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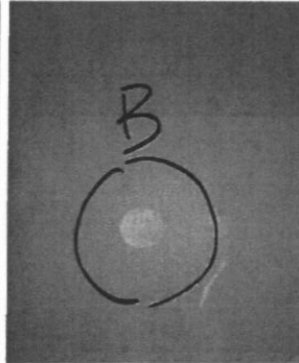
Report No. : 164441ST161011(3)



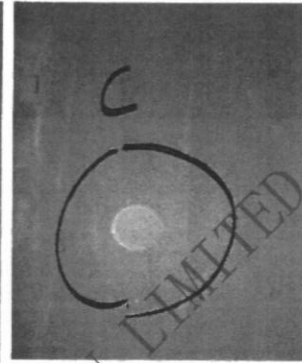
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Sample I.D.: ST161011/1



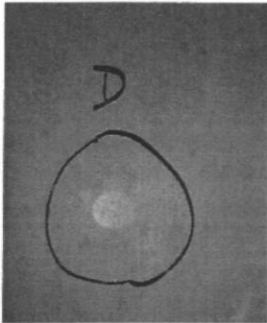
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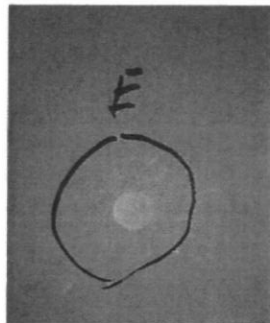
Test Position  
Sample I.D.: ST161011/1



Test Position  
Sample I.D.: ST161011/1



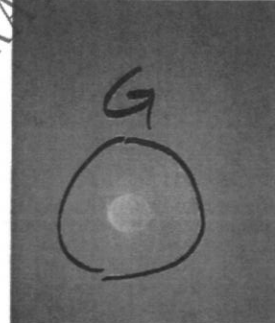
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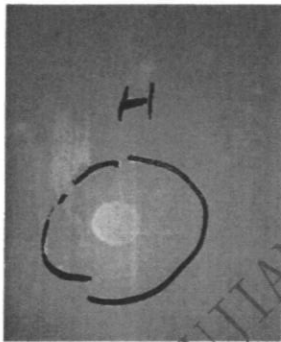
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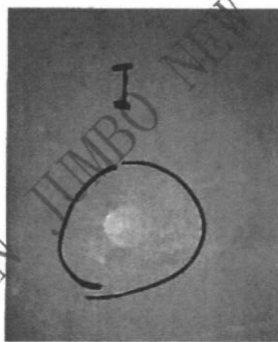
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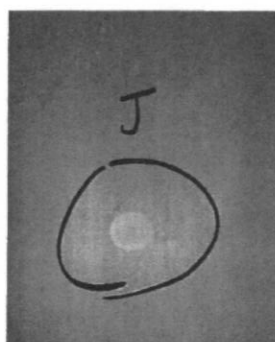
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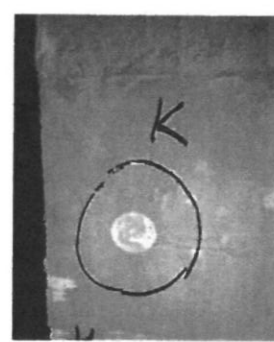
Test Position  
Sample I.D.: ST161011/1



Test Position  
Sample I.D.: ST161011/1



Test Position  
Sample I.D.: ST161011/1



Test Position  
Sample I.D.: ST161011/1

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