

FUGRO TECHNICAL SERVICES LIMITED

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MaterialLab

Client Ref. : --

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Report No. : 164441ST161011(11)

REPORT ON HEAVYWEIGHT ANCHORAGE (HIGH LEVEL WALL CUPBOARD) ECCENTRIC DOWNWARD LOADING TEST ON A WALL PARTITION

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)
Density : 1100kg/m³±5%

Anchor Description : Fischer SXRL10x80 M7x87 mm
Embedded Length : 60 mm
Screw Diameter : 7 mm
Depth of Hole : --
Drill of Hole : --

Laboratory Information

Lab. Sample I.D. : ST161011/2
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 : 19 January 2017
Date Tested : 08 February 2017
Test Method : BS 5234 : Part 2 : 1992, Annex L
Test Grade : --

Test Results

Applied Load (N)	Deflection & Locations (mm)				Duration of Test Load (Minute)	Observation
	A	B	C	D		
0	0.02	0.01	-0.02	-0.02	1	No damage
200	0.01	0	-0.01	0	1	No damage
0	0	0	0	0	1	No damage
500	-0.02	-0.02	0.01	0	1	No damage
1000	-0.02	-0.03	0.02	0.03	1	No damage
1500	-0.05	-0.06	0.03	0.05	1	No damage
2000	-0.06	-0.08	0.04	0.07	1	No damage
2500	-0.07	-0.09	0.05	0.09	1	No damage
3000	-0.08	-0.10	0.06	0.10	1	No damage
3500	-0.09	-0.12	0.07	0.12	1	No damage
4000	-0.11	-0.14	0.08	0.14	1	No damage
0	-0.12	-0.09	0.09	0.07	5	No damage

- Remarks : 1.) The test results relate only to the sample tested.
2.) BS Requirement : Max. deflection ≤ 5mm. Residual deformation ≤ 1mm. And no loosening, detaching or damaging the partition.
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.
4.) The test configuration and the test sample are shown in the photographs on page 2 of this report.

Checked by : 2 Date : 28 FEB 2017 Certified by : K.T. Young Date : 28 FEB 2017

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

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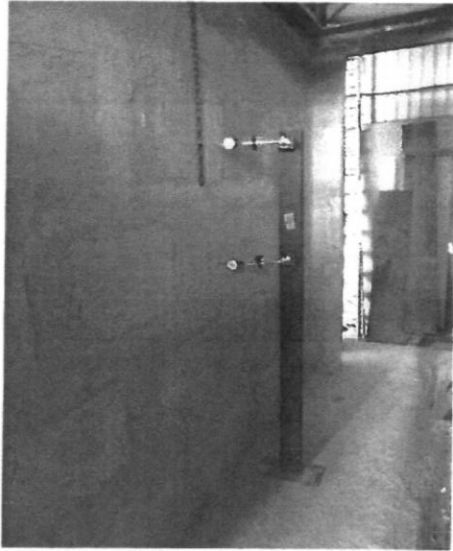
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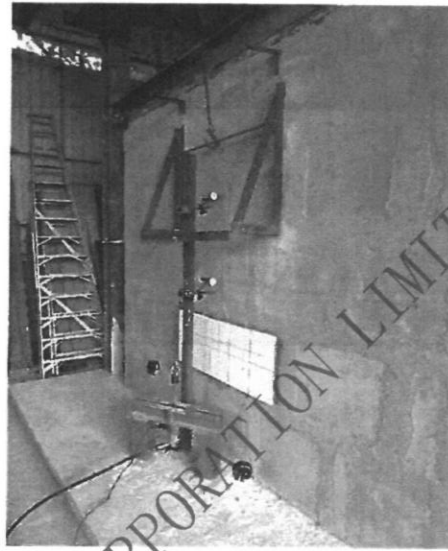
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Test Configuration
Sample I.D.: ST161011/2



Test Configuration
Sample I.D.: ST161011/2



Test Sample
Sample I.D.: ST161011/2

****End of Report****