

FUGRO TECHNICAL SERVICES LIMITED

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MaterialLab



Client Ref. : --
Report No. : 164441ST161011(10)

Page 1 of 2

REPORT ON HEAVYWEIGHT ANCHORAGE (WASH BASIN) 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 : 07 February 2017
Test Method : BS 5234 : Part 2 : 1992, Annex K
Test Grade : --

Test Results

Applied Load (N)	Deflection & Locations (mm)				Duration of Test Load (Minute)	Observation
	A	B	C	D		
0	0.01	0.01	-0.01	-0.01	1	No damage
200	0.01	0.01	0	-0.01	1	No damage
0	0	0	0	0	1	No damage
500	0.01	0.02	-0.01	-0.02	1	No damage
750	0.03	0.03	-0.02	-0.04	1	No damage
500	0.02	0.02	-0.02	-0.03	1	No damage
750	0.03	0.03	-0.02	-0.04	1	No damage
500	0.01	0.02	-0.02	-0.03	1	No damage
1000	0.03	0.04	-0.03	-0.04	1	No damage
500	0.01	0.01	0	-0.02	1	No damage
1000	0.02	0.03	-0.02	-0.04	1	No damage
500	0.01	0.01	-0.01	-0.02	1	No damage
1250	0.03	0.04	-0.04	-0.05	1	No damage
500	0.01	0.01	-0.01	-0.02	1	No damage
1250	0.03	0.04	-0.03	-0.05	1	No damage
500	0.01	0.01	-0.01	-0.02	1	No damage
1500	0.04	0.06	-0.05	-0.07	1	No damage
500	0.00	0	-0.01	-0.02	1	No damage
1500	0.05	0.06	-0.05	-0.07	1	No damage
0	-0.04	-0.03	0.02	0.01	5	No damage

- Remarks :
- The test results relate only to the sample tested.
 - BS Requirement: For Applied Load of 500N Max. deflection ≤ 5 mm
For Applied Load of 1000N, 1250N and 1500N, Max deflection ≤ 20 mm
Residual deformation ≤ 1 mm. And no loosening, detaching or damaging the partition.
 - The test results comply with HKHA SL 2012 MAS1.M210.6 2(d) vi and the acceptance requirement of BS 5234 : Part 2 : 1992.
 - The test configuration and the test samples are shown in the photographs on page 2 of this report.
 - The wash basin bracket was fixed on tiles.

Checked by : i Date : 28 FEB 2017 Certified by : R. J. Leung Date : 28 FEB 2017
Leung Kwok Tai, Stanley
Assistant Manager (Product Testing Laboratory)

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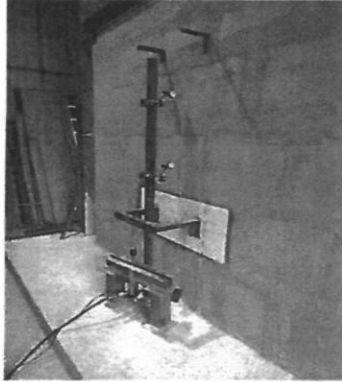
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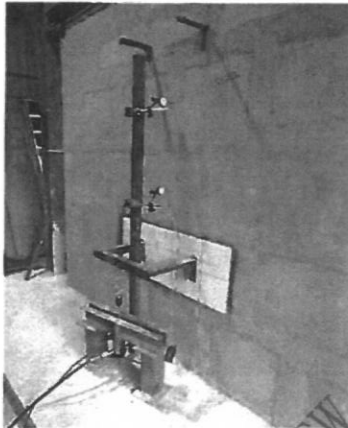
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Test Configuration
Sample I.D.: ST161011/2



Test Configuration
Sample I.D.: ST161011/2



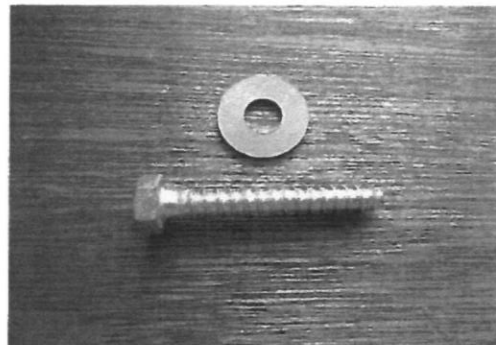
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Test Configuration
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Test Sample
Sample I.D.: ST161011/2



Test Sample
Sample I.D.: ST161011/2

****End of Report****