

Partition Wall Test Report

150mm Thickness

Test Report No. 7191112998- MEC15/02A - YX
dated 18 Aug 2015



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PSB Singapore

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.

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PERFORMANCE TEST
OF
PARTITION WALL SYSTEM
USING
EASTW GGBS Lightweight Panel of 150mm THK
TESTED WITH REFERENCE TO
BS 5234: Part 2: 1992 or SS 492: 2001

TESTED FOR: EASTW Engineering Pte Ltd
Blk 1039, Eunos ave 3, #01-112
Singapore 409846

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APPROVED BY: Wong Mun Hong
Product Manager
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Mechanical Centre

SUMMARY OF TEST RESULTS:

Summary of strength and robustness tests reference to BS 5234 : Part 2 : 1992 or SS 492: 2001
(Details of partition specimen and test report are attached)

Tests for grade compliance	
Requirements tested	Grade performance achieved
	Severe Duty (SD)
Stiffness	Passed
Surface damage by small hard body impact : ¹	Tested
Surface damage by large soft body impact:	Passed
Perforation by small hard body impact:	Passed
Resistance to structural damage by large soft body impact	Passed
Door slamming	Passed

Note: ¹ - Indicates no specific criterion for acceptance is given because the impact damage will vary with different materials and forms of construction; some surface damage may be acceptable because it can be repaired. See test results photographs on page 13.



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LA-2007-0386-A
LA-2007-0386-B
LA-2007-0386-C
LA-2007-0386-D
LA-2007-0386-E
LA-2007-0386-F
LA-2007-0386-G
LA-2007-0386-H
LA-2007-0386-I
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LA-2007-0386-Q
LA-2007-0386-R
LA-2007-0386-S
LA-2007-0386-T
LA-2007-0386-U
LA-2007-0386-V
LA-2007-0386-W
LA-2007-0386-X
LA-2007-0386-Y
LA-2007-0386-Z

The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council - Singapore Laboratory Accreditation Scheme. Test/Calibrations marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our laboratory.

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TUV

Summary of other tests on partition specimen

Requirement tested	Performance achieved
Crowd pressure	3 kN/m
Light weight anchorage – Pull out	100 N
Light weight anchorage – Pull down	250 N
Heavy weight anchorage – (Wash basin)	1500 N
Heavy weight anchorage – (Wall cupboard)	4000 N