

Partition Wall Test Report

100mm Thickness

Test Report No.7191112998 - MEC15/02B - YX
dated 27 Aug 2015



PSB Singapore

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

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 12.

PERFORMANCE TEST

OF

PARTITION WALL SYSTEM

USING

EASTW GGBS Lightweight Solid Panel of 100mm THK

TESTED WITH REFERENCE TO

BS 5234: Part 2: 1992 or SS 492: 2001

TESTED FOR: EASTW Engineering Pte Ltd
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Attn:

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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.

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