

**Test Report No. 7191061185-MEC13/11-ED**  
**dated 4 Jul 2013**



PSB Singapore

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SUBJECT:

Testing of fibre cement board submitted by Visaka Industries Ltd

TESTED FOR:

Visaka Industries Limited  
Visaka Towers  
1-8-303/69/3, S.P. Road  
Secunderabad  
A.P. 500003  
India

Attn: Mr Jawahar Rawtani

TEST METHOD:

Adopted ASTM D1037 : 2006a Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials

Section 20 - Glue Line Shear (Block Type)

DESCRIPTION OF SAMPLE:

Fibre Cement board 'V-Premium'

REMARKS:

- Two pieces of test samples, each 50 mm x 50 mm were bonded using epoxy adhesive as one set.
- Two sets were bonded to form a shear force test piece with 6 mm overhang.
- % of fibre failure : 50% cohesive failure

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Senior Associate Engineer

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TEST RESULTS:

Test sample : Shear force test piece

Test speed : 0.6 mm/min

Sample Reference	1	2	3	4	5
Length of Specimen (mm)	50	50	50	50	50
Width of Specimen (mm)	38	38	38	38	38
Shear Force (N)	2915.57	3284.27	2216.79	4263.73	3640.54
Average Shear Force (N)	3264.18				
Shear Stress At Failure (MPa)	1.53	1.73	1.17	2.24	1.92
Average Shear Stress At Failure (MPa)	1.72				

Ed

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July 2011

