



المتحدة للصناعات التعدينية United Mining Industries

Testing and Evaluation Results

Date : 25-12-2015

Table below shows the testing results of the Fiber Cement Board manufactured by UMI. The testing is held according to ASTM C1185 testing method and compliant with ASTM C1186 specification standard.

Test Results			
Property	Test Result	Requirement	Pass/Fail
Dimensional Tolerances			
- Length, mm.	± 1	± 6	Pass
- Width, mm.	± 0.5	± 6	Pass
- Thickness Variation			
- Between Sheets, mm.	± 0.25	± 1	Pass
- Within Sheet, %	1.2	≤ 15	Pass
- Squareness, mm/m.	0	± 2.6	Pass
- Edge straightness, mm/m.	0	± 2.6	pass
Density, Kg/m ³	1262. 32	As Reported	As Reported
Flexural Strength, psi (MPa)			
- type B in equilibrium condition	1915 (13.2)	≥ 1450 (10) ¹	Pass
Water Absorption, %	31.8	As Reported	As Reported
Moisture Content, %	15.2	As Reported	As Reported

Note 1 – Grade II requirements taken from Table 1 – “Flexural Strength Requirements” of ASTM C1186-08(2012)

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