

TEST REPORT

REPORT NO.: 2014FPS0033

PAGE 1 OF 3

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Applicant : **CIVIL & CONSTRUCTION SECTION**
SIRIM QAS International Sdn. Bhd.
(Attn: Mr. Hanon Nazir Mohd Basir)

Manufacturer : **ETERNIT GUANGZHOU BUILDING SYSTEMS CO. LTD.**
2, Tai Hua Street, Yonghe Economic District,
Economic & Technology Development District,
511356 Guangzhou,
China.
(Attn: Mr. Amarzaman / Mr. Julien Blanche)

Product : **FIBRE CEMENT FLAT SHEETS**

Reference Standard/
Method of Test : BS 476 : Part 7: 1997
Fire Test on Building Materials and Structures
Part 7: Surface Spread of Flame Test.

Description of Test Specimen : 6 pieces of Fibre Cement Flat Sheets.
Size of Specimen : 270mm × 885mm × 8.4mm (measured thickness)
Brand : ETERPAN
Model : MINERALIS
Measured Density : 1744 kg/m³

The specimens were tested with the face side exposed to the specified heating condition of the fire test.

The test specimens were sampled by Mr. Miswary Mat Yaacob of Industrial & Consumer Certification Section (Civil & Construction Group), SIRIM QAS International Sdn. Bhd. on 25.06.2014. The test was requested through PP2 form Ref. No. P5-008254 dated 15.09.2014.

Date Received : 10.10.2014

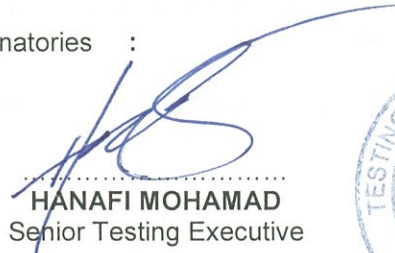
Date of Test : 15.10.2014

Job No./ Ref No. : J2014144D027 /SQAS/FPS/15/1-6


Test Result : **Classification of Surface Spread of Flame Test** : Class 1

Issued Date : 05 NOV 2014

Approved Signatories :


HANAFI MOHAMAD
Senior Testing Executive




ROHAYA IBRAHIM
Head
Fire Protection Section
Testing Services Department
SIRIM QAS International Sdn. Bhd

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Name of Applicant : CIVIL & CONSTRUCTION SECTION
Name of Manufacturer : ETERNIT GUANGZHOU BUILDING SYSTEMS CO. LTD.
Product : FIBRE CEMENT FLAT SHEETS
Brand : ETERPAN
Model : MINERALIS
Measured Thickness : 8.4 mm
Measured Density : 1744 kg/m³
Date of Test : 15.10.2014

Requirement

The flame spread on any specimen of the sample shall not exceed the limit assigned for the class with the proviso that for one specimen only in the sample the flame spread may exceed this limit by the tolerance shown.

Classification of Surface Spread of Flame

Classification	Flame Spread at 1½ min		Final Flame Spread	
	Limit (mm)	Tolerance for one specimen in sample (mm)	Limit (mm)	Tolerance for one specimen in sample (mm)
Class 1	165	25	165	25
Class 2	215	25	455	45
Class 3	265	25	710	75
Class 4	Exceeding Class		3 limits	



05 NOV 2014

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Test Results

Product : FIBRE CEMENT FLAT SHEETS Measured Thickness : 8.4 mm
 Brand : ETERPAN Measured Density : 1744 kg/m³
 Model : MINERALIS Date of Test : 15.10.2014

Specimen No.	1	2	3	4	5	6
Spread of flame at 1½ minutes (mm)	0	0	0	0	0	0
Distance (mm)	Time of spread of flame to indicated distance (minutes . seconds)					
75	-	-	-	-	-	-
165	-	-	-	-	-	-
190	-	-	-	-	-	-
215	-	-	-	-	-	-
240	-	-	-	-	-	-
265	-	-	-	-	-	-
290	-	-	-	-	-	-
375	-	-	-	-	-	-
455	-	-	-	-	-	-
500	-	-	-	-	-	-
525	-	-	-	-	-	-
600	-	-	-	-	-	-
675	-	-	-	-	-	-
710	-	-	-	-	-	-
750	-	-	-	-	-	-
785	-	-	-	-	-	-
825	-	-	-	-	-	-
865	-	-	-	-	-	-
Time of maximum spread of flame (minutes . seconds)	-	-	-	-	-	-
Distance of maximum spread of flame (mm)	0	0	0	0	0	0

Conclusion

In accordance with the class definition specified in the standard, the test results show that the sample tested has a Class **One** Surface Spread of Flame.

The test results relate only to the behavior of the test specimens of a product under the particular conditions of test; they are not intended to be sole criterion for assessing the potential fire hazard of the product in use.


 05 NOV 2014

