

TEST REPORT

No. : GZCCM131200971-01

Date : Jan. 16, 2014

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ZHAOQING RUCCA BUILDING MATERIAL CO., LTD
NO.25, YINGBIN ROAD, HIGH AND NEW TECHNOLOGY INDUSTRIAL DEVELOPMENT ZONE,
DAWANG, ZHAOQING CITY, GUANGDONG, P. R. CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : Wall panel
Material : WPC
Spec. : 600×7200mm
SGS Ref. NO. : SDHG1401000048FB
Test Performed : Selected test(s) as requested by applicant
Date of Receipt : Dec. 31, 2013
Test Period : Jan. 02, 2014 to Jan.14, 2014

Test result(s) : Please refer to the following page(s)

*****To be continued*****

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co.,Ltd
Guangzhou Branch



Chandler Wu
Technical Engineer



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Test Conducted:

ASTM E84-13a Standard Test Method for Surface Burning Characteristics of Building Materials

I. Sample Description:

Name (provided by sponsor) / Color	:	Wall panel / White
Size of sample	:	Thickness: approximately 16mm
Mounting method	:	Mount the specimens on the ledges of the Test Method E84 furnace with iron using additional means of support.

II. Conditioning

Prior to testing, the sample was conditioned,

To a constant weight at a temperature of 73.4±5°F(23±2.8°C) and at a relative humidity of 50±5%

III. Test Result:

Sample	FSI (Flame spread index)	SDI (Smoke developed index)
Wall panel	20	300

RATING:

The National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification", has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, (ASTM E84) "Method of Test of Surface Burning Characteristics of Building Materials".

The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Flame Spread 0-25	Smoke Developed 0-450
Class B Interior Wall & Ceiling Finish:	Flame Spread 26-75	Smoke Developed 0-450

*****To be continued*****



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Class C Interior Wall & Ceiling Finish: Flame Spread 76-200
Smoke Developed 0-450

Conclusion:

Refer to the National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification", the submitted sample met the requirement of Class A.

GRAPHICAL RESULTS:

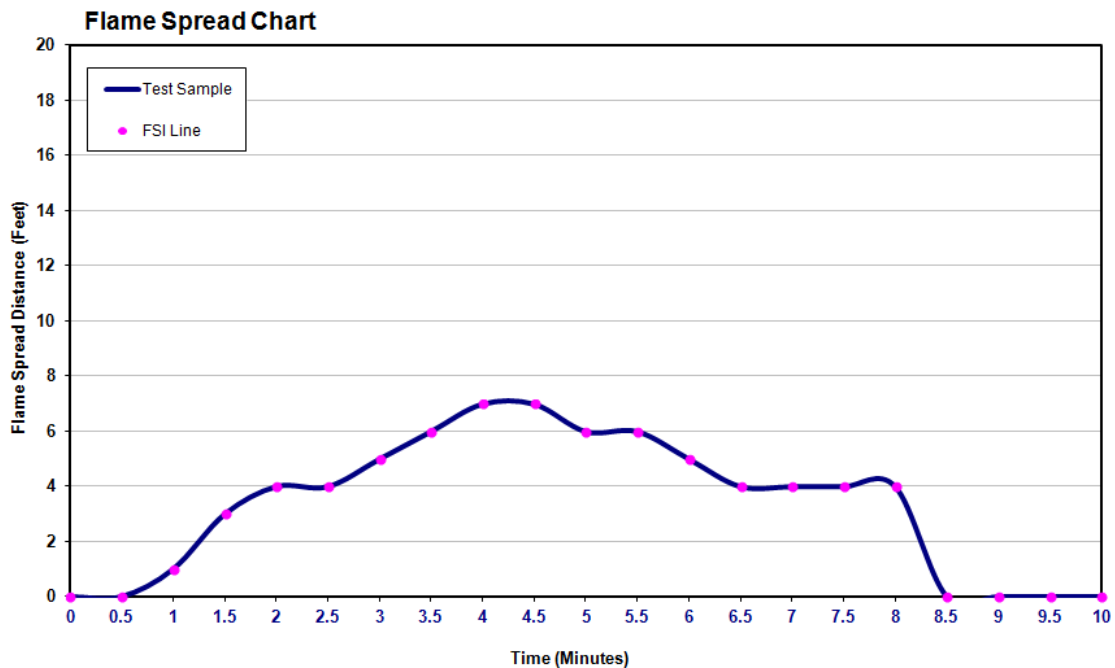


Figure 1. Flame Spread Chart

*****To be continued*****



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Smoke Developed Chart

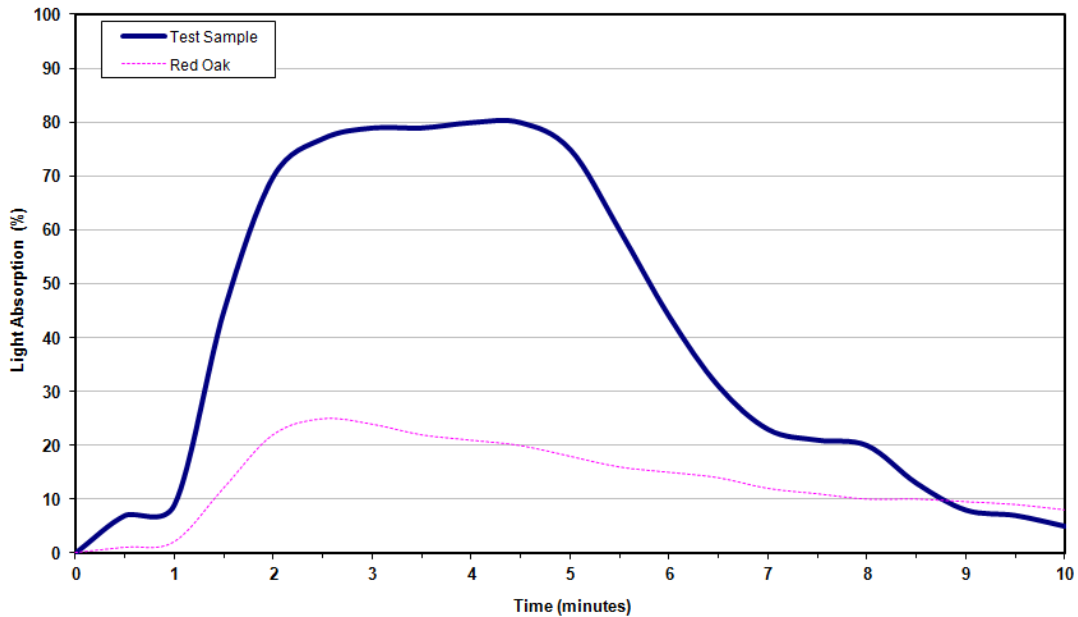
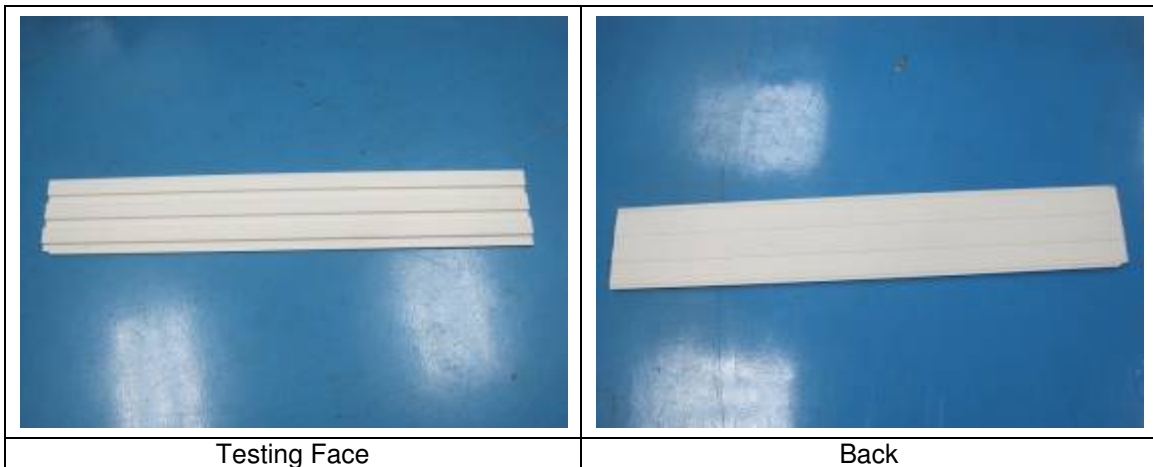


Figure 2. Smoke Developed Chart

Photo:



***** End of report *****



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