

TEST REPORT

No. : GZIN1807038964CM

Date : Aug 22, 2018

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CUSTOMER NAME: DECORATIVE BUILDING PRODUCTS LTD
ADDRESS: 4D PIERMARK DR, ROSEDALE, AUCKLAND, NEW ZEALAND

Sample Name : WPC Ceiling Panel
Product Specification : 40×55
Manufacturer : Rucca China
Buyer : DECORATIVE BUILDING PRODUCTS LTD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Jul 23, 2018
Testing Start Date : Jul 23, 2018
Testing End Date : Aug 22, 2018
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center

Salon

Salon Liu
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center

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Test conducted

This test was performed in accordance with "AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures. Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release."

I. Sample details

Description	WPC Ceiling Panel
Color	Beige
Thickness	About 40.5mm
Sample Dimension	600mm×450mm

	Temperature (°C)	Humidity (%)	Duration (d)
Conditioning	20±2°C	65±5%	7

Note: The specimens shall be conditioned to constant mass (see ISO 291)

Mounting or fixing method for test sample:

Using fibre-reinforced cement board as substrate, hold the sample against the specimen support frame by using the specimen clamping ring. Have vertical joints.

II. Test results

The mean values and standard errors:

Items		Mean value	Standard error
Ignition Time, (min)		NI	--
Flame propagation time, (s)		NI	--
Heat release integral, (Kj/m ²)		NI	--
Maximum optical density, D (m ⁻¹)	Ignition specimen	--	--
	Non-ignition specimen	0.5482	0.0073
Smoke release, Ig D	Ignition specimen	--	--
	Non-ignition specimen	-0.2611	0.0058

Note: 1) Where all specimens do not ignite, means and standard errors for smoke release shall be reported separately for those specimens that ignite and those that do not ignite. The higher of the two values shall be reported as the smoke released for the material or component.



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2) Where all specimens do not ignite, indices for smoke developed shall be reported separately for those specimens that ignite and those specimens that do not ignite. The higher of the two values shall be reported as the smoke developed index for the product.

Regulatory Indices:

Items	Regulatory Indices
Ignitability index (Range 0 to 20)	0
Spread of flame index (Range 0 to 10)	0
Heat evolved index (Range 0 to 10)	0
Smoke developed index (Range 0 to 10)	7

Statement:

- 1) The results only apply to the specimen mounted as described in this report.
- 2) The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Photo Appendix:



SGS authenticate the photo on original report only

Remark: The above test was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch.

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

