

TEST REPORT

No. : GZIN1807038958CM

Date : Aug 21, 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 21, 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 Construction Material Laboratory

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Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	AS 1530.1-1994	The submitted sample(s) shall be deemed to be combustible materials.	/
For further details, please refer to the following page(s)			



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Test Conducted

This test is conducted accordance with AS 1530.1-1994 Methods for fire tests on building materials, components and structures Part1: Combustibility test for materials.

I.Sample Description:

Thickness of individual sample	3mm
Specimen Height	About:48mm*

Remark: Remark: The tested specimens were made of 16 layers submitted specimen, and the thickness of specimens were about 48mm.

II.Test Conducted:

Condition	Temperature (°C)	Duration(h)
Preconditioning	60°C±5°C	24h

III.Criteria of Combustibility:

A material shall be deemed to be combustible under any of the following circumstances:

- (a)The mean duration of sustained flaming is other than zero.
- (b)The mean furnace thermocouple temperature rise exceeds 50°C.
- (c)The mean specimen surface thermocouple temperature rise exceeds 50°C



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IV. Test results:

1. Temperature rise

No.	Tf(initial)	Tf(max)	Tf(final)	Δ Tf	Tc(max)	Tc(final)	Δ Tc	Ts(max)	Ts(final)	Δ Ts
1	750.6	900.7	800.1	100.6	880.6	790.1	90.5	898.5	799.2	99.3
2	753.4	919.5	822.3	97.2	898.7	811.5	87.2	900.2	811.7	88.5
3	751.7	906.2	811.5	94.7	881.2	781.3	99.9	887.8	780.5	107.3
4	750.2	911.6	819.6	92.0	889.3	791.2	98.1	900.1	807.9	92.2
5	748.9	923.7	827.8	95.9	900.1	811.4	88.7	888.5	781.2	107.3
Average	-	-	-	96.1	-	-	92.9	-	-	98.9

Remark: Tf –furnace thermocouple Tc –specimen centre thermocouple Ts –specimen surface thermocouple
 $\Delta T = T(\text{max}) - T(\text{final})$

2. Flame

Sample	Flame continuance (s)
1	>300
2	>300
3	>300
4	>300
5	>300
Average (s)	>300

3. Mass loss (holder with the gauze is 14.4g)

Sample	Initial mass (g)	After test (g)	Mass loss (%)
1	78.5	20.5	73.9
2	80.6	29.7	63.2
3	79.8	22.7	71.6
4	80.9	20.6	74.5
5	81.2	21.8	73.2
Average	-	-	71.3



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V. Conclusion:

The submitted sample(s) shall be deemed to be combustible materials.

STATEMENTS:

These test results relate only to the behavior of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Photo Appendix:



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

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



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