TEST REPORT

No. : SZIN1507007414ML
Date : Aug 11, 2015

CUSTOMER NAME: FOSHAN VANCO BUILDING MATERIALS CO., LIMITED
ADDRESS: RM904, BLGD 3, SHUNDE INNOVATION & TECHNOLOGY CENTER, SOUTH CHAOGUI RD., RONGGUI,SHUNDE, FOSHAN, CHINA

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

Sample Name	:	FIREPROOF ALUMINIUM COMPOSITE PANEL
SGS Ref. No.	:	AJHG1507006429FB
Other Information	:	AA3003 0.5MM ALUMINIUM SKIN + 3MM FR CORE+AA3003 0.5MM ALUMINIUM SKIN
Date of Receipt	:	Jul 29, 2015
Testing Start Date	:	Jul 29, 2015
Testing End Date	:	Aug 10, 2015
Test result(s)	:	For further details, please refer to the following page(s)

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

Wendy Liu
Authorized signatory

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Test Requested:

AS 1530.1 – 1994 Methods for fire tests on building materials, components and structures. Part 1: combustibility test for materials.

Conclusion: In accordance with test results, the tested sample shall not be deemed to be combustible materials as defined in AS 1530.1–1994 Methods for fire tests on building materials, components and structures. Part 1: combustibility test for materials.

I. Test Conducted

This test was performed in accordance with AS 1530.1 – 1994 Methods for fire tests on building materials, components and structures. Part 1: combustibility test for materials.

I. Sample details

Description / Color	FIREPROOF ALUMINIUM COMPOSITE PANEL / White
Specimen size	Ø45mm×50mm

III. Conditioning

As required by client, the submitted sample was dried in a circulating air oven for 5h at 100℃

After dried, the specimens were dried at 60±5℃ for between 20h and 24h, and cooled to ambient temperature in a desiccator prior to testing.

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III. Test Results

Parameter	Results					Mean value
	1	2	3	4	5	
Total duration of sustained flaming [1], (s)	0	0	0	0	0	0
Initial furnace thermocouple temperature, Tfi (℃)	750	751	751	750	751	
Maximum furnace thermocouple temperature, Tfm (℃)	767	771	773	769	772	
Final furnace thermocouple temperature, Tff (℃)	759	768	763	761	759	
Furnace thermocouple temperature rise, △Tf (℃)	8	3	10	8	13	8.4
Maximum centre thermocouple temperature, Tcm (℃)	768	773	773	771	773	
Final centre thermocouple temperature, Tcf (℃)	765	769	771	768	768	
Centre thermocouple temperature rise, △Tc (℃)	3	4	2	3	5	3.4
Maximum specimen surface thermocouple temperature, Tsm(℃)	767	772	771	770	771	
Final specimen surface thermocouple temperature, Tsf (℃)	758	766	764	763	760	
Specimen surface thermocouple temperature rise, △Ts (℃)	9	6	7	7	11	8
Test duration, (min)	0	0	0	0	0	

Note:1. Tfm: Maximum furnace temperature

Tff: Final furnace temperature

Tcm: Maximum specimen centre temperature

Tcf: Final specimen centre temperature

Tsm: Maximum specimen surface temperature

Tsf: Final specimen surface temperature

2. The above test was carried out by a SGS laboratory.

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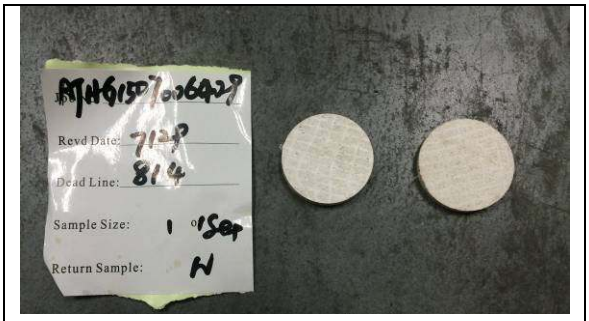
Criteria of combustibility: A material shall be deemed to be combustible under any of the following circumstances:

(a) The mean duration of sustained flaming is other than zero.

(b) The mean furnace thermocouple temperature rise, △Tf, exceeds 50 ℃.

(c) The mean specimen surface thermocouple temperature rise, △Ts, exceeds 50 ℃.

Photo Appendix:



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

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