ALUVERO PTY LTD

2/23 ORCHARD CRESCENT, MONT ALBERT NORTH, VICTORIA, AUSTRALIA

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

Sample Description: ALUVERO CELLULOSE FIBER CEMENT BOARDS AUTOCLAVED
SGS Ref No.: NJIN1711004640ML
Manufacturer: ALUVERO PTY LTD

Test Requested:

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

Test Results: -- See attached sheet –

Conclusion: In accordance with test results, the tested sample **not 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.

Test Period:

Sample Receiving Date	: NOV.28, 2017
Test Performing Date Signed	: NOV.28, 2017 TO DEC.06, 2017

for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch Hardmes
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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.

II. Sample details

Description	Aluvero Cellulose Fiber Cement Boards
Color	Beige
Thickness	15.0 mm
Specimen size	Ø45mm×50mm

III. Conditioning

The submitted sample shall be conditioned in a ventilated oven maintained at 60±5℃ for between 20h and 24h, and cooled to ambient temperature in a desiccator prior to testing.

IV. Test Results

Parameter	Results					Mean value
	1	2	3	4	5	
Total duration of sustained flaming [2], (s)	0	0	0	0	0	0
Initial furnace thermocouple temperature, T_{fi}(℃)	748.3	749.4	749.2	748.3	749.2	
Maximum furnace thermocouple temperature, T_{fm} (℃)	750.7	750.3	751.3	750.4	750.6	
Final furnace thermocouple temperature, T_{ff} (℃)	743.6	744.2	743.8	744.3	744.4	
Furnace thermocouple temperature rise, $\triangle T_f$ (℃)	7.1	6.1	7.5	6.1	6.2	6.6
Maximum specimen surface thermocouple temperature, T_{sm}(℃)	674.5	676.2	675.1	674.8	674.1	
Final specimen surface thermocouple temperature, T_{sf} (℃)	672.3	674.1	673.0	672.2	673.1	
Specimen surface thermocouple temperature rise, $\triangle T_s$ (℃)	2.2	2.1	2.1	2.6	1.0	2.0
Test duration, (min)	30	30	30	30	30	

Note: Tfm: Maximum furnace temperature
Tff: Final furnace temperature
Tsm: Maximum specimen surface temperature
Tsf: Final specimen surface temperature

[1] The mass of each specimen shall be determined to an accuracy of 0.1g prior to test in the furnace.

[2] Disregard and individual duration of flaming less than 5s.

To be continued…

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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.

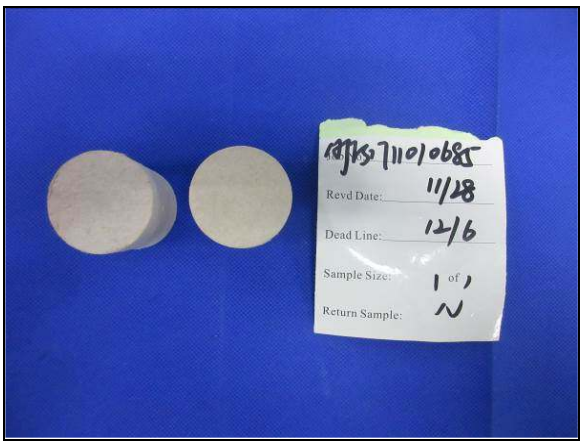
(b) The mean furnace thermocouple temperature rise, $\triangle T_f$, exceeds 50 ℃.

(c) The mean specimen surface thermocouple temperature rise, $\triangle T_s$, exceeds 50 ℃.

Statement:

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:



SGS authenticate the photo on original report only

End of Report

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