

Test Report

No. AJFS2008007136FF

Date: AUG.31, 2020

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SHANGHAI CHANCEL INDUSTRY CO., LTD

ROOM 1005, NO.6 BUILDING, LANE5000, GONGHEXIN ROAD, BAOSHAN DISTRICT, SHANGHAI,
CHINA

The following sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Sample Name: 90-150K CURTAIN WALL FIRE STOP BOARD**SGS Ref No.:** AJHL2008002234OT**Style/Item No.:** 1200*600*90-150K CURTAIN WALL FIRE STOP BOARD**Manufacturer Name:** SHANGHAI ABM ROCK WOOL DAFENG CO., 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:** according to the test results, the tested sample is deemed to be **non-combustible materials**
as defined in AS 1530.1:1994.**Test Period:**

Sample Receiving Date : AUG.20, 2020

Test Performing Date : AUG.20, 2020 TO AUG.27, 2020

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji BranchAllen Zou
Lab Manager

scan to see the report



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SGS-CSTC Co., Ltd. Anji Branch
Anji Branch Fire Technology Service

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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	Rock wool
Color	Yellow
Specimen size	Ø45×50mm

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	
Mass loss, (%)	0.49	0.08	0.57	0.08	0.33	0.31
Total duration of sustained flaming ¹⁾ , (s)	0	0	0	0	0	0
Initial furnace thermocouple temperature, T _{fi} (°C)	750.9	751.2	753.0	750.8	750.6	
Maximum furnace thermocouple temperature, T _{fm} (°C)	760.2	756.3	754.2	754.6	757.3	
Final furnace thermocouple temperature, T _{ff} (°C)	758.2	754.1	750.6	752.3	755.6	
Furnace thermocouple temperature rise, ΔT _f (°C)	2.0	2.2	3.6	2.3	1.7	2.4
Maximum specimen surface thermocouple temperature, T _{sm} (°C)	759.8	755.2	753.9	753.5	755.8	
Final specimen surface thermocouple temperature, T _{sf} (°C)	751.7	750.6	752.8	751.7	750.6	
Specimen surface thermocouple temperature rise, ΔT _s (°C)	8.1	4.6	1.1	1.8	5.2	4.2
Test duration, (min)	30	30	30	30	30	

Note: T_{fm}: Maximum furnace temperature

T_{ff}: Final furnace temperature

T_{sm}: Maximum specimen surface temperature

T_{sf}: Final specimen surface temperature

¹⁾ 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, ΔT_f , exceeds 50 °C.
- (c) The mean specimen surface thermocouple temperature rise, ΔT_s , exceeds 50 °C.

Statement:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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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