

Test Report

No. AJFS1904003006RS

Date: APR.30, 2019

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ARMSTRONG FLOORING PTY LTD

29-39 MILLS ROAD BRAESIDE, VICTORIA 3195 AUSTRALIA

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: MEDINTONE DIAMOND 10 _ AUS

Thickness: 2mm

Style/Item No.: /

Test Requested:

AS ISO 9239-1:2003(R2016) Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date : APR.15, 2019

Test Performing Date : APR.15, 2019 TO APR.30, 2019

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

Allen Zou
Lab Manager



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I. Test conducted

This test was conducted as per AS ISO 9239-1:2003(R2016) Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.

II. Sample details

Sample description	One sample of rubber board
Color	Gray
Thickness	About 2.0mm
Density	About 1530.2 kg/m ³
Specimen size	Length: 1050 mm; Width: 230 mm

Conditioning:

Prior to testing, the sample was conditioned to constant mass at temperatures of 23±2°C and at a relative humidity of 50±5% for at least 48 h, until constant mass is achieved.

Mounting of Test Assembly:

Calcium silicate board, with its density approximate 900kg/m³, thickness approximate 9mm, is as the substrate. The test specimens are fixed mechanically to the substrate. No joint in the specimens.

III. Test results

Distance (mm)	S1	S2	S3
	Time (min:s)	Time (min:s)	Time (min:s)
50	4:16	4:37	3:58
100	--	--	--
150	--	--	--
200	--	--	--
250	--	--	--
300	--	--	--
350	--	--	--
400	--	--	--
450	--	--	--
500	--	--	--
550	--	--	--
600	--	--	--
650	--	--	--
700	--	--	--

To be continued....



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750	--	--	--
800	--	--	--
850	--	--	--
900	--	--	--
950	--	--	--
1000	--	--	--
Extinguishing time	12:00	12:00	12:03
the final maximum flame spread distance (mm)	60	70	60

	S1	S2	S3	Average
Flame front distance at 10 min (mm)	60	70	60	63.3
Flame front distance at 20 min (mm)	--	--	--	--
Flame front distance at 30 min (mm)	--	--	--	--
Heat Flux at 10 minutes, HF-10 (kW/m ²)	>11.0	>11.0	>11.0	>11.0
Heat Flux at 20 minutes, HF-20 (kW/m ²)	--	--	--	--
Heat Flux at 30 minutes, HF-30 (kW/m ²)	--	--	--	--
the integral of the smoke (%×min)	56.3	62.7	55.1	58.0
Max. light attenuation (%)	12.9	13.6	11.8	12.8

Conclusion:

	S1	S2	S3	Average
CHF (kW/m ²)	>11.0	>11.0	>11.0	>11.0

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.

To be continued....

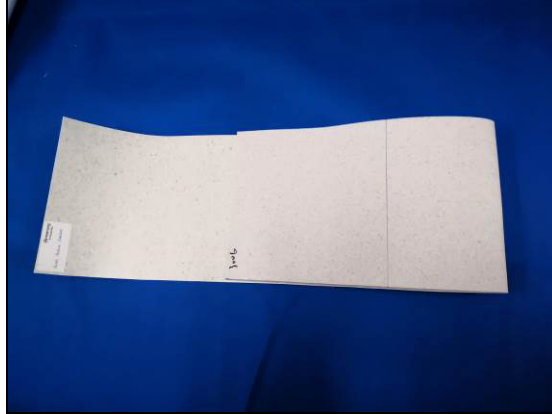


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Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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