

Test Report

No. AJFS1812012038FF

Date: MAR.04, 2019

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ARMSTRONG ADVANCED FLOORING (CHINA) CO., LTD

NO. 683, YUEXIU ROAD, FENHU HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, WUJIANG,
SUZHOU, JIANGSU

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

Sample Description: MedinPure™

SGS Ref No.: SHIN181203535CCM

Style/Item No.: /

Test Requested:

Testing in accordance with ASTM E 648-2017a Standard test method for critical radiant flux of floor-covering systems using a radiant heat energy source

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date : DEC.04, 2018

Test Performing Date : DEC.04, 2018 TO DEC.13, 2018

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



Allen Zou
Technical Manager



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I. Test conducted

This test was conducted in accordance with ASTM E 648-2017a Standard test method for critical radiant flux of floor-covering systems using a radiant heat energy source.

II. Sample details

Sample description	The floor cloth
Color	Green
Specimen size	Length <u>1050</u> mm Width <u>250</u> mm Thickness <u>2.0</u> mm 3 PCS
Precondition	Temperature: 21±3℃, Humidity: 50±5%, Duration: 11 days

III. Test results

Distance (mm)	S1	S2	S3
	Time (minute: second)	Time (minute: second)	Time (minute: second)
50	-	-	-
100	-	-	-
150	-	-	-
200	-	-	-
250	-	-	-
300	-	-	-
350	-	-	-
400	-	-	-
450	-	-	-
500	-	-	-
550	-	-	-
600	-	-	-
650	-	-	-
700	-	-	-
750	-	-	-
800	-	-	-
850	-	-	-
900	-	-	-
950	-	-	-
1000	-	-	-
1050	-	-	-
Extinguishing time	10:00	10:00	10:00
Burned distance (mm)	40	40	40

To be continued....



SGS-CSTC Technical Services Co., Ltd.
Anji Branch Harbin

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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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	S1	S2	S3	Average	S	V
Critical radiant flux (W/cm ²)	≥1.1	≥1.1	≥1.1	≥1.1	-	-

Remark:

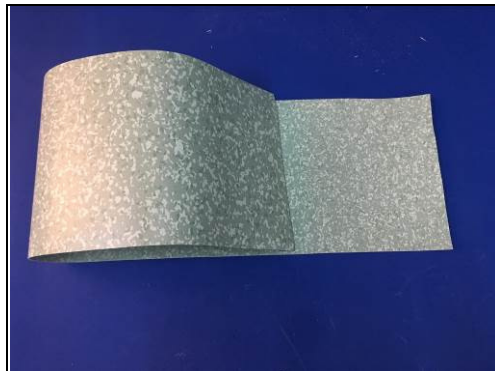
S—standard deviation; V—coefficient of variation

Classification: NFPA 101-2012 Life Safety Code Chapter 10 Interior Finish, Contents, and Furnishings
Clause 10.2.7 Interior Floor Finish Test and Classification,

- (1) Class I interior floor finish shall be characterized by a critical radiant flux not less than 0.45 W/cm².
- (2) Class II interior floor finish shall be characterized by a critical radiant flux not less than 0.22 W/cm² but less than 0.45 W/cm².

Since the tested sample received an average Critical radiant flux ≥1.1 W/cm², it meets the requirements of Class I for interior floor finish specified in NFPA 101-2012 clause 10.2.7.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report

