

No.: GZIN1809050095SC

Date: Sep 30, 2018

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CUSTOMER NAME: SKUDO MANUFACTURING PTY LTD.

ADDRESS: 47 VERONICA DRIVE TALLAI QLD AUSTRALIA

Sample Name : SKUDO HT BOARD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : SDHL1809021616FB

Date of Receipt : Sep 19, 2018
Testing Start Date : Sep 19, 2018
Testing End Date : Sep 28, 2018

Test result(s) : For further details, please refer to the following page(s)

(Unless otherwise stated the results shown in this test report refer only to

the sample(s) tested)

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

Eleain Fan

Authorized signatory





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Test Result Summary

No.	Test(s) Requested	Result(s)	Comments		
1	ASTM E 648-17a	Class I	/		
For further details, please refer to the following page(s)					



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Test conducted:

ASTM E648-17a Standard test method for critical radiant flux of floor-covering systems using a radiant heat energy source.

I. General information

Precondition	Temperature: (21±3)°C Humidity: (50±5)%, Duration: 168h
Mounting method	The specimens were fixed mechanically to the substrate (The substrate is a 13mm thickness 0.58g/cm³ inorganic millboard).

II Test results

	Flame fr	ont advance			
Distance (cm)	Specimen1	Specimen 2	Specimen 3 Time (minute: second)		
Distance (cm)	Time (minute: second)	Time (minute: second)			
5	9:37 9		9:15		
10	14:18	13:51	14:07		
15	18:34	17:09	18:17		
20	22:29	21:17	23:47		
25	27:00	25:49	29:12		
30	31:36	29:18	35:47		
35	40:41	36:46	42:48		
40	-	44:52	49:21		
45	-	-	-		
50	-	-	-		
55	-	-	-		
60	-	-	-		
65	-	-	-		
70	-	-	-		
75	-	-	-		
80	-	-	-		
85	-	-	-		



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Diatanaa (am)	Specimen1	Specimen 2	Specimen 3	
Distance (cm)	Time (minute: second)	Time (minute: second)	Time (minute: second)	
90	-	-	-	
95	-	-	-	
100	-	-	-	
Extinguishing time	52:14	50:47	54:14	
Burned distance (cm)	38	40	41	
Observations	Melting	Melting	Melting	

Calculation:

	Specimen1	Specimen 2	Specimen 3	Average	S	V
Critical radiant flux (W/cm²)	0.56	0.52	0.50	0.53	0.03	5.7

Note: S-estimated standard deviation; V-coefficient of variation

The classifications are as follows:

	Class I	Class II
Critical Radiant Flux, watts/cm²	≥ 0.45	≥ 0.22

Since the tested sample received a Critical Radiant Flux =0.53watts/cm², it would meet the requirement of Class I Interior Floor Finish.

STATEMENTS:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.



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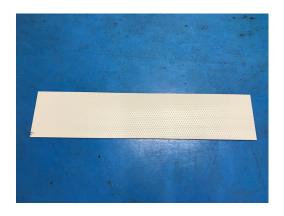


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Photo Appendix:



Appendix Information:

The above test was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

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

