

TEST REPORT

No. : SZIN1906008828SC

Date : Jun 28, 2019

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CUSTOMER NAME: NESCHEN COATING GMBH C/O FILMOLUX GROUP
ADDRESS: HANS-NESCHEN-STRASSE 1, D-31675 BUECKEBURG, GERMANY

Sample Name : FILMOTEX WALLFIX B1

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. : SDFS1906003657FF
Date of Receipt : Jun 18, 2019
Testing Start Date : Jun 18, 2019
Testing End Date : Jun 28, 2019
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. Shenzhen Branch
Testing Center

Helen Xiong

Helen_Xiong
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center - Materials Laboratory

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Test Result Summary

Test(s) Requested	Result(s)
DIN 4102-1:1998-05	The sample tested meets the requirements of class B1 of DIN 4102-1:1998-05 Clause 6.

TESTS AND RESULTS

Test Conducted:

These tests are conducted in DIN 4102-1:1998-05 Clause 6 Class B building materials according to the application.

Conditioning:

Temperature: (23±2)°C; Relative Humidity: (50±6)%; Duration:96 h;

Test Requirement:

All materials, except flooring, may be classed as B1 materials if they

- withstand the test specified in DIN 4102-16 using the ‘Brandschacht’ apparatus specified in DIN 4102-15, and
- meet the requirements for class B2 materials.

The test using the ‘Brandschacht’ apparatus described in DIN 4102-15 (cf. subclause 6.1.3.1) shall be deemed passed if

- the mean value for the residual length (portion of specimen that has not burned or charred; cf. subclause 9.1 of DIN 4102-16) of each specimen is at least 15 cm and no individual values are lower than 0 cm,
- the mean effluent temperature does not exceed 200 °C in any test,
- the requirements for the residual length of each specimen is met even where there is afterflame, afterglow, or smouldering.



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Installation information:

As per client's requirement the sample self-bonded on the substrate (Fibre cement board, with its density about 1800kg/m³, thickness about 8mm, is as the substrate).

Test Results:

1.DIN 4102-1 B2 Test Result

Parameter	Results									
	Bottom edge ignition					Surface ignition				
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Specimen ignition (Yes/No)	Yes*	Yes*	Yes*	Yes*	Yes*	No	No	No	No	No
Ignition ceased time(s)	-	-	-	-	-	-	-	-	-	-
If flame tip reached 150mm line/40,190mm line(Yes/No)	No	No	No	No	No	No	No	No	No	No
Ignition time to reached 150mm line/40,190mm line(s)	-	-	-	-	-	-	-	-	-	-
Filter paper ignition (Yes/No)	No	No	No	No	No	No	No	No	No	No
Smoke developments	Slight					Slight				

Remark: *--The specimen was ignited but self-extinguished after removed the burner.



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Class B2 Test requirement:

This test shall be deemed passed if, for any of the five specimens tested, flaming does not reach the gauge mark within 20 seconds after flame application, either with bottom edge ignition or surface ignition.

Sub-conclusion: Pass

2.Additional DIN4102-16 Test Result

Group 1:

Parameter	Results				
	#1	#2	#3	#4	Average value
Remaining length (cm)	53	57	54	60	56
Max. flue gas temperature (°C)	96				
After flame / after glow (s)	0				
Other observation	Charring				

Remark: According to DIN 4102-16 Clause 5.2, if the residual length measured after the first test is 45cm or greater, further tests are not required.

Sub-conclusion: Pass

Conclusions:

The sample tested meets the requirements of class B1 of DIN 4102-1:1998-05 Clause 6.



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SAMPLE INFORMATION AND PICTURES

Area Density: About 197g/m²



Appendix information:

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

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



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