

Fire Test Certificate – Specimen

Fabric: UV Backlit (Digital Print)
Type: B1

J&C Joel 

the inspiration behind the performance



ilac-MRA



TEST REPORT

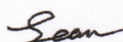
Report No. :W2016-04299

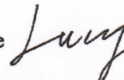
Verification code:4E6B0F

Date: August 9, 2016

Contact person :
Sample description : The following sample(s) was/were submitted and identified on behalf of the client as
Item name: : COATED BACKLIT 510GSM
Colour : White
Style No. : HBJ1010C 510g/m2 MATTE 1000D*1000D/20*20
Composition : /
Order No. : /
Other information : /
Date received : August 5, 2016
Test completed : August 9, 2016
Test details : Refer to the test details requested by the applicant on next page(s).

Approved by 

Verified by 

Compose 

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Test details requested by the applicant :

Fire behaviour(Method: DIN 4102-1:1998)

Conditioning
the sample was not conditioned.

Test results
“Brandschacht“ Test according to DIN 4102-1:1998

Exposed surface: The Front face

Results of “Brandschacht” Test (part 1)					
Line No.	Unit	Test Line assemblies No.			
		A	B	C	D
1	Specimen fixings according to DIN 4102 part 15, table	1			
2	Max. flame height above lower sample edge;	30			
3	Time ¹⁾	1			
4	Melting/burning through Time ¹⁾	9			
5	Back of specimen				
6	Flaming/glowing, Time ¹⁾	4			
6	Discolouring, Time ¹⁾	3			
7	Burning droplets	NO			
7	Begin 1)	/			
8	Amount	/			
9	Specimen material falling off in separate droplets	/			
9	Specimen material falling off continuously	/			
10	Burning parts	NO			
10	Begin 1)	/			
11	Parts of sample falling off separately	/			
12	Parts of sample falling off continuously	/			
13	Duration of continued combustion on mesh base (max.)	/			
14	Burner flame impairment by dripping/falling material	NO			
14	Time ¹⁾	/			
15	Premature ending of test	/			
15	End of burning at specimen ¹⁾	/			
16	Time when test terminated (if applicable) ¹⁾	/			
17	Burning after end of test	NO			
17	Duration	/			
18	Number of specimens	/			
19	Front of specimen	/			
20	Back of specimen	/			
21	Height of flame	/			
Results of “Brandschacht” Test (part 2)					

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Line No.	Unit	Test Line assemblies No.			
		A	B	C	D
	<u>Glowing after end of test</u>	NO			
22	Duration	/			
23	Number of specimens	/			
24	Front of specimen	/			
25	Back of specimen	/			
26	Top half of specimen	/			
27	Bottom half of specimen	/			
	<u>Residual length</u>				
28	Single results	67 63			
29	Average of the single results	48 65			
		61			
30	<u>Smoke temperature</u>				
31	Max. of average	164			
	Time ¹⁾	470			

Note: 1) time from start of testing

2) Normal Flammability Test according to DIN 4102-1 Clause 6.2

Flame application: bottom edge ignition

Specimen No.	1	2	3	4	5
Reaching the measuring mark within 20 seconds	No	No	No	No	No

Flame application: surface ignition

Specimen No.	1	2	3	4	5
Reaching the measuring mark within 20 seconds	No	No	No	No	No

All timings are from start of testing

Criteria for classification for Class B1 (DIN 4102-1 Clause 6.1.2)

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

a) Pass DIN 4102-16 "brandschacht" test if

1) The mean value for the residual length of each specimen is at least 15 cm, and no individual values are lower than 0 cm;

2) The mean effluent temperature does not exceed 200 °C in any test;

3) The requirement for the residual length of each specimen is met even where there is afterflame, afterglow, or smouldering.

b) Pass DIN 4102-1 Clause 6.2.3 Ignitability Test if,

For each specimen, flaming doesn't reach the gage mark within 20s after flame application.

Conclusion:

The tested sample **meets** the low flammability requirements of class B1 of building materials under DIN 4102-1:1998.

STATEMENTS:

This test report does not replace any mandatory certification of the product that may be required.

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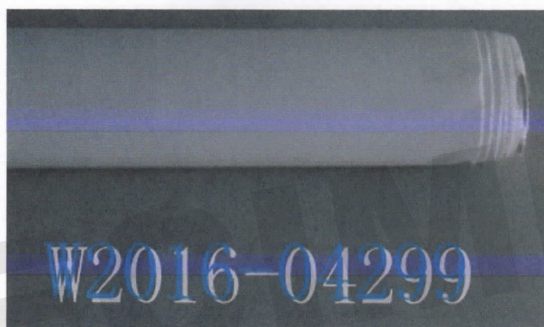
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The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire and smoke hazard of the product in use.

Sample Photo



***** End of Report *****