

Fire Test Certificate - Specimen

Fabric: Slit Drapes

Type: M1

J&C Joel 
Inspiration in every performance



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global safety

TEST REPORT No. 18274A

As a basis for a general report for the building and housing inspection

Valid until 08-07-2021

Date of order:	06-06-2016
Date of sampling:	06-2016
Arrival of the samples:	13-06-2016
Date of test :	30-06-2016

Order

"Fire"-test (Building material class M1) according to NF P 92-512 (1986)


Regulations concerning the test report

NF P92-512 (1986)


Result of the tests

The material has met the demands for non-readily ignitable building materials.

SIGNED

	C. Kissel Project assistant Ghent 2016-07-08 11:02:26
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APPROVED

	M. van Heiden Project leader Ghent 2016-07-08 12:23:46
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The results of the tests apply only on the materials mentioned in this report


This report consists of 9 pages, including 3 annexes.


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Test Report No. 18274A
Page 2 of 9

1. IDENTIFICATION OF THE PRODUCT

Commercial name:

Description of the material: Rigid PVC Film (Polyvinylchloride) for production of various kinds of decoration, different colours

Description of the material		
	Nominal values (*)	Measured values (**)
Thickness (mm)	0,035 - 0,300	0,1
Surface mass (g/m ²)	97,65 (***)	96

(*) based on the information of the sponsor.

(**) values verified by the laboratory.

(***) surface mass of the product with thickness 0,07 mm.

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Test Report No. 18274A
Page 3 of 9

2. TEST RESULTS


2.1. Fire test according to NF P 92-512 (1986)


Result of the „Fire“-test (part 1)			
Sample:	Measured values for the 3 samples		
	A	B	C
1 <u>Number of sample-classification</u> according to NF P 92-512 Table 1	1	1	1
2 <u>Maximum height of flame</u> from the bottom of the sample cm	50	50	50
3 <u>at time (1)</u> min : s	00:28	00:28	00:28
4 <u>Melting through/ Burning through</u> at time (1) min : s	00:01	00:01	00:01
5 <u>Observations on the backside of the sample</u> Flames/glowing at time (1) min : s	00:01	00:01	00:01
6 <u>Colouring</u> at time (1) min : s	-	-	-
7 <u>Flaming droplets</u> Start at (1) min : s	-	-	-
Dimension : 8 <u>Single falling droplets</u>	-	-	-
9 <u>Continuous falling droplets</u>	-	-	-
<u>Falling of burning particles</u> 10 Start at (1) min : s	-	-	-
Dimension : 11 <u>Single falling of burning particles</u>	-	-	-
12 <u>Continuous falling of burning particles</u>	-	-	-
13 <u>Afterburning on the floor (Max)</u> min : s	-	-	-
<u>Diminishing of the burner flame due to falling material</u> 14 at time (1) min : s	-	-	-
<u>Early termination of test</u> 15 <u>Stop of flaming of the sample (1)</u> min	-	-	-
16 <u>Time of termination (1)</u> min : s	-	-	-

(1) Time-indication from the start of the test
- Didn't occur


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Test Report No. 18274A


Page 4 of 9


Result of the „Fire“-test (part 2)						
Sample:	Measured values for the 3 samples					
	A		B		C	
<u>Afterburning after the end of the test</u>						
17 Duration min : s	-	-	-	-	-	-
18 Number of samples	-	-	-	-	-	-
19 Front side of the sample	-	-	-	-	-	-
20 Back side of the sample	-	-	-	-	-	-
21 Length of the flames cm	-	-	-	-	-	-
<u>Afterglowing after the end of the test</u>						
22 Duration min:s	-	-	-	-	-	-
23 Number of Samples	-	-	-	-	-	-
Place of occurring:	-	-	-	-	-	-
24 Top half of the sample	-	-	-	-	-	-
25 Bottom half of the sample	-	-	-	-	-	-
26 Front side of the sample	-	-	-	-	-	-
27 Back side of the sample	-	-	-	-	-	-
<u>Smoke attenuation</u>						
28 < 400 % x min	2,2405	7,0923	5,0102			
29 > 400 % x min	-	-	-			
30 Graph in Annex Nr.	1	2	3			
<u>Lengths at the end of the test</u>						
31 Separate values cm	> 50	> 50	> 50	> 50	> 50	> 50
	> 50	> 50	> 50	> 50	> 50	> 50
32 Average of the separate measurements cm	> 50	> 50	> 50			
<u>Smoke gas temperature</u>						
33 Max of the average values °C	97,03	98,38	101,23			
34 at time (1) min:s	9:59	9:59	9:50			
35 Graph in Annex Nr.	1	2	3			
36 <u>Remarks</u>						

- (1) Time- indication from the start of the test
- Didn't occur


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Test Report No. 18274A
Page 5 of 9

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2.2. Surface exposure of the test material


Test No.	1	2	3	4	5
Ignition (s)	1	1	1	1	1
Reaching the test-mark (s)	No	No	No	No	No
Self-extinction (s)	3	2	2	3	2
Extinguished after (s)	-	-	-	-	-
Maximum Flame height within the first 20s (cm)	30	30	30	25	20
reached after (s)	3	2	2	3	2
Smoke development	Low	Low	Low	Low	Low
Time of flaming droplets (s)	No	No	No	No	No


2.3. Side exposure of the test material

Test No.	1	2	3	4	5
Ignition (s)	1	1	1	1	1
Reaching the test-mark (s)	No	No	No	No	No
Self-extinction (s)	2	3	3	2	3
Extinguished after (s)	-	-	-	-	-
Maximum Flame height within the first 20s (cm)	25	30	25	30	30
reached after (s)	2	3	3	2	3
Smoke development	Low	Low	Low	Low	Low
Time of flaming droplets (s)	No	No	No	No	No


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Test Report No. 18274A
Page 6 of 9

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3. ASSESSMENT

The building material, described on page 2, has complied with the requirements for non-readily ignitable building materials Class M1 according to the standard NF P 92-512 (Edition 1986)

4. SPECIAL REMARK

- 4.1 The results of this fire test are valid only for the building product as described on page 2. In connection with other building materials its fire behaviour can be influenced unfavourably.
- 4.2 This test report does not replace the compulsory general approval of the building inspection. It serves as a basis for the prescribed use approval.

SPECIMEN

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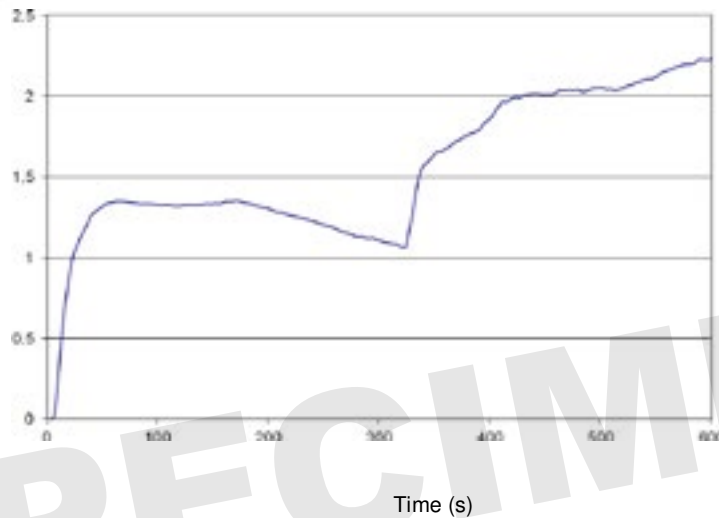
Page 7 of 9

Annex 1

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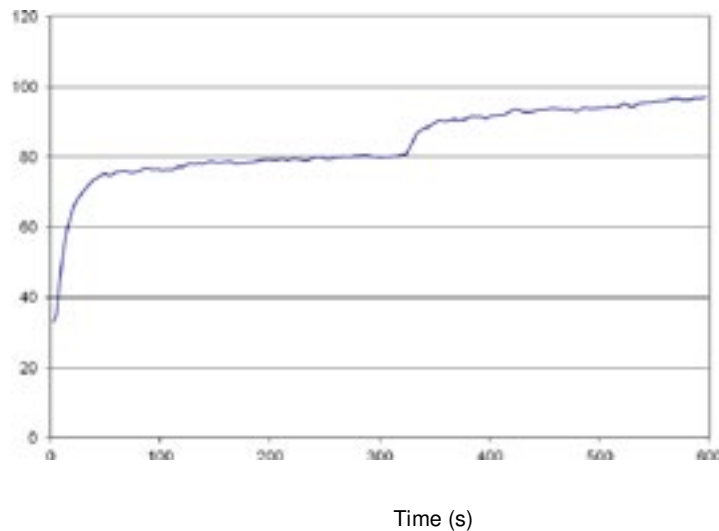
Graph of Smoke Attenuation for Sample A

Smoke (%.min)





Graph of Smoke Gas Temperature for Sample A


Temperature (°C)





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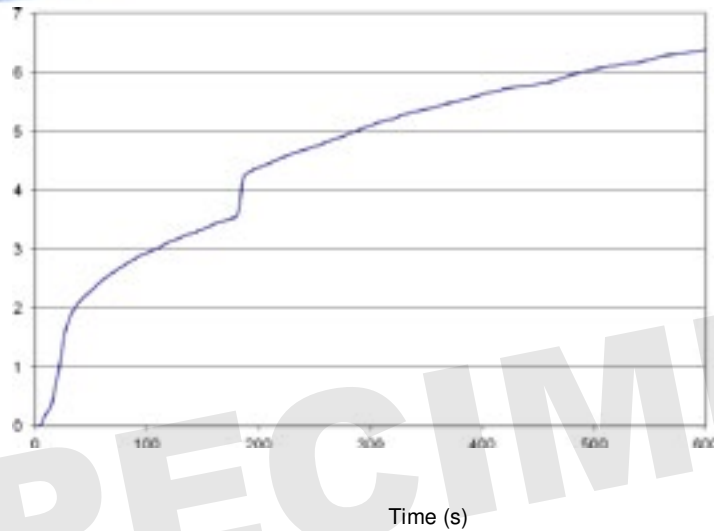
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Test Report No. 18274A
Page 8 of 9
Annex 2

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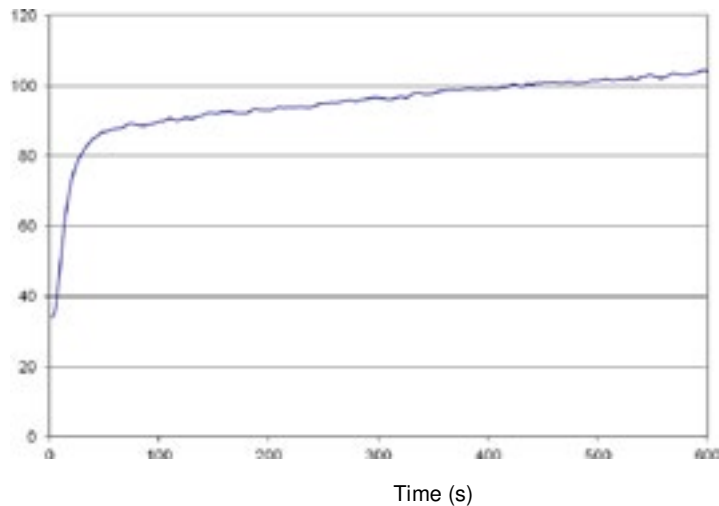
Graph of Smoke Attenuation for Sample B

Smoke (%.min)





Graph of Smoke Gas Temperature for Sample B


Temperature (°C)




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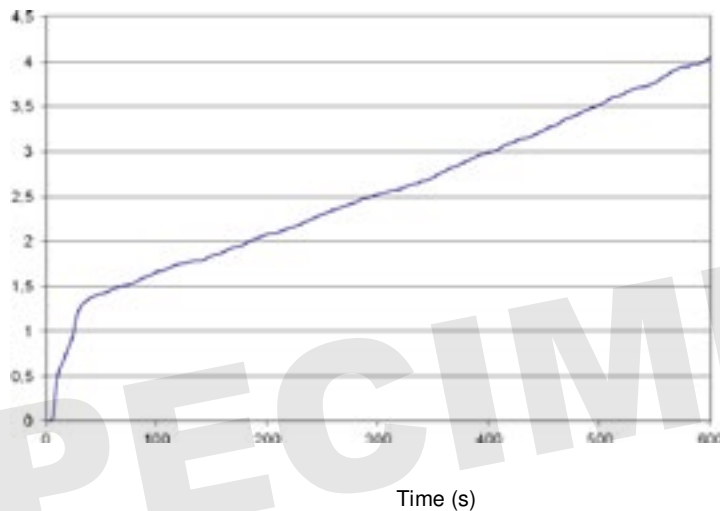
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Test Report No. 18274A
Page 9 of 9
Annex 3

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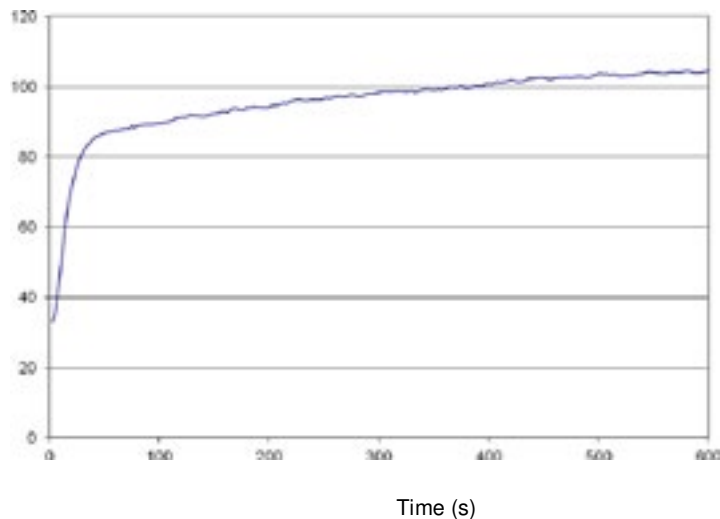
Graph of Smoke Attenuation for Sample C

Smoke (%.min)





Graph of Smoke Gas Temperature for Sample C


Temperature (°C)




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