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# Indicative test report

## No. 2017-1451

issued 02.05.2017

**Applicant:**

ALKOR DRAKA  
75; rue Pasteur

60140 LIANCOURT  
FRANCE

**Date of order:**

**29.03.2017**

**Date of sampling:**

**no official taking out of the sample from  
a representative of the Exova  
Warringtonfire, Frankfurt**

**Date of arrival:**

**05.04.2017**

**Date of test:**

**27.04.2017**

**Order**

Testing of the flammability (building class B1) according to DIN 4102-1 (May 1998)

**Description / designation of the test object**

Sample material designated as: „1108“

**Description of the relevant test procedure**

DIN 4102 part 1 (May 1998)

## 1. Description of the test material

### 1.1 Details of the customer:

Sample material designated as: „1108“

Product name: 1108

Product description:

PVC souple ignifugé dans la masse  
- 1108, Noir 1009 épaisseur 0,39 mm, masse surfacique 555 g/m<sup>2</sup>

Intended end use of product: SCREEN

### 1.2 By Exova Warringtonfire, Frankfurt determined values:

Fabric

Colour: black

Thickness: 0,46 mm

Square weight: 552 g/m<sup>2</sup>

Testing after clima storage at 23° C and 50 % rel. hum. L. moisture

## 2. Test results

### 2.1 "Brandschacht" test according to DIN 4102-1

Specimen A: Sample in direction of production

Test results of the "Brandschacht" tests part 1						
line no.		measurements test sample				
			A	B	C	D
1	<u>no. test arrangement according to DIN 4102 part 15, table 1</u>		1			
2	<u>flame height max. over lower sample edge</u> time <sup>1)</sup>	cm	90			
		min : s	0:20			
3	<u>ascertainties on the front side</u> Flaming/glowing time <sup>1)</sup>	min : s	0:03			
4	<u>melting / burning through</u> time <sup>1)</sup>	min : s	0:16			
5	<u>ascertainties on the back side</u> Flaming/glowing time <sup>1)</sup>	min : s	yes			
		min : s	not occurred			
7	<u>burning droplets</u> begin <sup>1)</sup> extent	min : s	not occurred			
8	occasional dripping of material					
9	constant dripping of material					
10	<u>separating from burning sample parts</u> begin <sup>1)</sup>	min : s	yes			
11	occasional separating parts					
12	constant separating parts					
13	duration of burning on the sieve tray (max.)	min : s	not occurred			
14	influence on the burner flame by dripping of / separating material time <sup>1)</sup>	min : s	yes			
15	<u>earlier end of test</u> end of the fire scenario on the sample <sup>1)</sup>	min : s	not occurred			
		min : s	not occurred			
16	time of a possible resulted test stop <sup>1)</sup>					

<sup>1)</sup> time from start of test

Test results of the "Brandschacht" tests part 2						
line no.		Measurements test sample				
			A	B	C	D
17	<u>flaming after end of test</u> duration	min : s	--/--			
18	number of sample		--/--			
19	front side of sample		--/--			
20	backside of sample		--/--			
21	flame length		cm	--/--		
22	<u>glowing after end of test</u> duration	min . s	not occured			
23	number of sample		--/--			
	place of occurrence		--/--			
24	lower sample part		--/--			
25	upper sample part		--/--			
26	front side of sample		--/--			
27	backside of sample	--/--				
28	<u>smoke density</u> < 400 % x min		--/--			
29	> 440 % x min		--/--			
30	diagram in annex no.		1			
31	<u>residual length</u> single results	cm	0 / 0 0 / 0			
32	average of the single results	cm	0			
33	foto of the sample on page		5			
34	<u>smoke temperature</u> max. of the average results	°C	258			
35	time <sup>1)</sup>	min : s	0:20			
36	diagram in annex no.		1			

<sup>1)</sup> time from start of test

Remarks: Test cancelled, because the temperature were up to 200°

**2.2 Appearance of the specimen after the test:**

Sample A

### 3. Indicative Assessment

The determined results showed that the material is not able to fulfill the requirements for the B1 classification according to DIN 4102-1 (May 1998).

### 4. Special note

The fire test result is only valid for the materials described in chapter 1, tested in free hanging configuration.

The distance to other flat material must be more than  $\geq 40$  mm.

The materials were not tested after an outside storage.

In combination with other materials (for example coatings, deposits) the burning behaviour could be influenced unfavourable so that the classification above is not valid any longer. According to DIN 4102-1 the burning behaviour in combination with other materials has to be tested separately.

Frankfurt, the 02.05.2017

Handwritten signature of H. Anders in blue ink.

H. Anders  
Tester in charge

Handwritten signature of T. Zachäus in blue ink.

Dipl.-Ing. T. Zachäus  
Head of the business

The results of the tests relate only to the behaviour of the test sample which is designated on the top.  
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This test report contains 6 pages and 1 annex.

Sample A:

