

Additional reaction to fire classification report No. 13321E

Owner of the additional classification report

BN INTERNATIONAL B.V.
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Introduction

This additional classification report defines the classification assigned to the product '**BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED**' in accordance with the procedures given in the standard EN 13501-1:2007: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

This additional classification report consists of 7 pages

This report is additional to that issued as No. 13321C, dated 03/11/2008. This report is drafted in accordance with the regulations of EGOLF Agreement EGA 08rev2:2013 "Application note: clause 5.10 / 4-2 – Amendment of reports: client changing product/company names (ii) for commercial reasons – Issue of additional reports". The original report remains valid and is not replaced by this report. The product has not been retested and this report does not involve technical changes or technical reviews of the original report. The original and the new name of the product and of the company commercially responsible for the product, as well as the declarations concerning this additional report, are documented by the laboratory and maintained in the laboratory records.

1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The product **BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED** is defined as a 'decorative wall covering'.

Its classification is valid for the following end use application(s):

Used for attaching onto walls or ceilings, by means of an adhesive.

b) Description of the tested product

The product "**BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED**" consists of a vinyl based wall covering with a non woven backing. The vinyl layer has a weight from 300 g/m² till 390 g/m². The weight of the non woven backing is 60 g/m².

Nominal values		
Mass per unit area (g/m ²)	360	450

Mounting: The product was glued onto a calcium silicate board (12.5 mm, 870 kg/m³) with BK10-PVA adhesive (200 g/m²).

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

a) Test reports

Name of the laboratory	Name of the sponsor	Test report ref. No.	Test method
WFRGENT nv Ghent, Belgium	BN International B.V.	12677D, 12677E, 12677F, 12564, 13321B	EN 13823 (February 2002)
WFRGENT nv Ghent, Belgium	BN International B.V.	12677A, 12677B, 12677C, 13321A	EN ISO 11925-2 (February 2002)
WFRGENT nv Ghent, Belgium	BN International B.V.	13321D	EXAP according to CEN/TS 15117

b) Test results

Test method	Parameter	Number of tests	Results		Criteria for Class B-s2,d0	
			Continuous parameters Mean	Compliance parameters	Continuous parameters	Compliance parameters
EN ISO 11925-2 (*) (1) 30 s flame application: <u>Surface exposure</u> - front side <u>Edge exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
			(-)	No	(-)	No
	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
			(-)	No	(-)	No
EN 13823 (2)	FIGRA _{0,2 MJ} (W/s)	3	14	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		1.2	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)		4	(-)	≤ 180	(-)
	TSP _{600s} (m ²)		49	(-)	≤ 200	(-)
	Flaming droplets/particles					
f < 10 s		(-)	No	(-)	No	
f > 10 s		(-)	No	(-)	No	

(-) Not applicable.

(*) The material didn't melt nor pull away from the pilot burner.

(1) Based on the results obtained in test report No. 12677A, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED white, design 15074.

(2) Based on the results obtained in test report No. 12677D, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED white, design 15074.

EN ISO 11925-2 (*) (3) 30 s flame application: <u>Surface exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
			(-)	No	(-)	No
<u>Edge exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
			(-)	No	(-)	No
EN 13823 (4)	FIGRA _{0,2 MJ} (W/s)		10	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		1.4	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)	3	0	(-)	≤ 180	(-)
	TSP _{600s} (m ²)		43	(-)	≤ 200	(-)
	Flaming droplets/particles f < 10 s		(-)	No	(-)	No
	f > 10 s		(-)	No	(-)	No
EN ISO 11925-2 (*) (5) 30 s flame application: <u>Edge exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
			(-)	No	(-)	No
EN 13823 (6)	FIGRA _{0,2 MJ} (W/s)		18	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		1.2	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)	2	6	(-)	≤ 180	(-)
	TSP _{600s} (m ²)		48	(-)	≤ 200	(-)
	Flaming droplets/particles f < 10 s		(-)	No	(-)	No
	f > 10 s		(-)	No	(-)	No

(-) Not applicable.

(*) The material didn't melt nor pull away from the pilot burner.

(3) Based on the results obtained in test report No. 12677B, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED black, design 15073.

(4) Based on the results obtained in test report No. 12677E, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED black, design 15073.

(5) Based on the results obtained in test report No. 12677C, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED red, design 15076.

(6) Based on the results obtained in test report No. 12677F and 12564, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED red, design 15076.

EN ISO 11925-2 (*) (7) 30 s flame application: <u>Surface exposure</u> - front side	$F_s \leq 150$ mm	6	(-)	Yes	(-)	Yes	
	Ignition filter paper		(-)	No	(-)	No	
	<u>Edge exposure</u> - front side	$F_s \leq 150$ mm	6	(-)	Yes	(-)	Yes
	Ignition filter paper		(-)	No	(-)	No	
EN 13823 (8)	FIGRA _{0,2 MJ} (W/s)		53	(-)	≤ 120	(-)	
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	(-)	
	LFS _{-edge}		(-)	Yes	(-)	Yes	
	THR _{600s} (MJ)		2.5	(-)	$\leq 7,5$	(-)	
	SMOGRA (m ² /s ²)	3	13	(-)	≤ 180	(-)	
	TSP _{600s} (m ²)		70	(-)	≤ 200	(-)	
	Flaming droplets/particles						
	f < 10 s		(-)	No	(-)	No	
f > 10 s		(-)	No	(-)	No		

(-) Not applicable.

(*) The material didn't melt nor pull away from the pilot burner.

(7) Based on the results obtained in test report No. 13321A, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED red, design 95600, 450 g/m².

(8) Based on the results obtained in test report No. 13321B, BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED red, design 95600, 450 g/m².

3. CLASSIFICATION AND FIELD OF APPLICATION

a) Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007 and prEN 15102:2004.

b) Classification

The product **BN CONTRACT WALLCOVERING - NONWOVEN FABRIC BACKED** in relation to its reaction to fire behavior is classified as:

Fire behavior	Smoke production	Flaming droplets
B	s2	d0

c) Field of application

This classification for the product as described in §1b, is valid for the following end use conditions:

- Glued on any backing with a fire performance of A2 or better with a density of equal to or greater than 820 kg/m³ and a thickness of equal to or greater than 9 mm.
- Without a void
- Fixing: glued with BK10-PVA adhesive (200 g/m²)
- With joints

This classification is valid for the following product parameters:

- Nominal mass per unit area: from 360 g/m² till 450 g/m²
- All colours

4. RESTRICTIONS

At the time the standard EN 13501-1 (2007) was published, no decision was made concerning the duration of validity of a classification report.

5. WARNING

This classification report does not represent type approval nor certification of the product.

The following statement is included in accordance with Fire Sector Group Recommendation 001:

“The classification assigned to the product in this report is appropriate to a Declaration of Conformity by the manufacturer within the context of a System 3 Attestation of Conformity and CE marking under the Construction Products Directive.

The manufacturer has made a declaration, which is held on file. This confirms that the product's design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

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The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability."

PREPARED BY

APPROVED BY

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