

## ***Reaction to fire classification report Nr 14665E***

### **Owner of the classification report**

BUZZISPACE  
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### **Introduction**

This classification report defines the classification assigned to the product '**Buzzifelt**' in accordance with the procedures given in the standard EN 13501-1+A1: 2009: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

**This classification report consists of 5 pages**

## 1. DETAILS OF CLASSIFIED PRODUCT

### a) Nature and end use application

The product **Buzzifelt** is defined as a 'needle felt'.  
Its classification is valid for the following end use application(s):  
'Used for interior applications'

### b) Description

The tested products are needle felt.

	Nominal values
<b>Sample 1</b>	
Product	Buzzifelt
Material	Needle felt
Colour	Offwhite
Thickness (mm)	6
Surface mass (g/m <sup>2</sup> )	1100
<b>Sample 2</b>	
Product	Buzzifelt
Material	Needle felt
Colour	Antracite
Thickness (mm)	6
Surface mass (g/m <sup>2</sup> )	1100

## 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. Nr.	Test method
WFRGENT N.V. Ghent, Belgium	BUZZISPACE Antwerpen, Belgium	14665B 14665D	EN 13823 (February 2002)
WFRGENT N.V. Ghent, Belgium	BUZZISPACE Antwerpen, Belgium	14665A 14665C	EN ISO 11925-2 (February 2002)
WFRGENT N.V. Ghent, Belgium	BUZZISPACE Antwerpen, Belgium	14665F	EXAP according to CEN/TS 15117

b) Test results

Test method	Parameter	Number of tests	Results		Criteria for Class B-s1,d0	
			Continuous parameters Mean	Compliance parameters	Continuous parameters	Compliance parameters
	$F_s \leq 150\text{mm}$ Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
EN 13823 (2)	FIGRA <sub>0,2 MJ</sub> (W/s) FIGRA <sub>0,4 MJ</sub> (W/s) LFS <sub>-edge</sub> THR <sub>600s</sub> (MJ) SMOGRA (m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> (m <sup>2</sup> ) Flaming droplets/particles f<10s f>10s	3	36 23 (-) 1,6 3 46  (-) (-)	(-) (-) Yes (-) (-) (-)  No No	$\leq 120$ $\leq 120$ (-) $\leq 7,5$ $\leq 30$ $\leq 50$  (-) (-)	(-) (-) Yes (-) (-) (-)  No No

(-) Not applicable

(\*) The material did not melt nor pull away from the pilot burner.

(1) Based on the results obtained in test report Nr. 14665C

(2) Based on the results obtained in test report Nr. 14665D

	Edge exposure	
	$F_s \leq 150\text{mm}$	Ignition filter paper
Sample 1: Buzzifelt (offwhite)	Yes	No
Sample 2: Buzzifelt (antracite)	Yes	No

Based on the results obtained in test report Nr. 14665A, only edge exposure was performed per product variation.

	Figra (W/s)	THR <sub>600S</sub> (MJ)	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )	TSP <sub>600S</sub> (m <sup>2</sup> )
Sample 1: Buzzifelt (offwhite)	38	1,5	6	49
Sample 2: Buzzifelt (antracite)	37	0,7	2	44

Based on the results obtained in test report Nr. 14665B, only one test was performed per product variation.

### 3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

a) Reference and direct field of application

This classification has been carried out in accordance with EN 13501-1+A1: 2009.

b) Classification

The product **Buzzifelt** in relation to its reaction to fire behavior is classified as:

Fire behavior	Smoke production	Flaming droplets
<b>B</b>	<b>s1</b>	<b>d0</b>

c) Field of application

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

- Substrate: Euroclass A2-s1, d0 or better with a nominal thickness of at least 12mm and a nominal density of at least 525 kg/m<sup>3</sup>
- Without a void
- Fixing: Stapled
- No joints

This classification is valid for the following product parameters:

- Nominal thickness : 6 mm
- Nominal surface mass: 1100 g/m<sup>2</sup>
- All colours

#### 4. RESTRICTIONS

At the time the standard EN 13501-1+A1:2009 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 001rev2:

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.

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.

Report	Name	Signature (*)	Date
Prepared by	ir. K. CATRY		21 FEB. 2011
Reviewed by	dr. Ir. B. SETTE		21 FEB. 2011
(*) For and on behalf of "WFRGENT N.V."			

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