



REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH PN-EN 13501-1+A1:2010

Contract no. 02811/18/Z00NZP

Sponsor:	Bowiq Benelux BV Hullenbergweg 278 1101 BV Amsterdam (The Netherlands)
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Product name:	BoSpray - cellulose based acoustic spray plaster
Classification report №:	02811/18/Z00NZP
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1. Introduction

This classification report defines the classification assigned to the BoSpray - cellulose based acoustic spray plaster in accordance with the procedures given in PN-EN 13501-1+A1:2010.

2. Details of classified product

2.1 General

Product is defined as intended for acoustical spray plaster based on recycled cellulose.

2.2 Product description

The product, is described below.

BoSpray - cellulose based acoustic spray plaster

Colour: white

Thickness of cellulose based acoustic spray plaster BoSpray: approx.18 mm

3. Test reports & test results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report №	Test method
Fire Research Department Building Research Institute	BowiQ Benelux BV	LZP01-02811/18/Z00NZP	PN-EN 13823+A1:2014
		LZP02-02811/18/Z00NZP	PN-EN ISO 11925-2:2010

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2: 2010 Surface and edge on front exposure Exposure time 30 s.	$F_s \leq 150$ mm	6	(–)	Y
	Flaming Droplets/particles		(–)	Y
PN-EN 13823+A1:2014	FIGRA _{0,2MJ}	3	73,2	(–)
	FIGRA _{0,4MJ}		53,3	(–)
	LFS < edge		(–)	Y
	THR _{600s} [MJ]		2,6	(–)
	SMOGRA [m ² /s ²]		1,1	(–)
	TSP _{600s} [m ²]		37,9	(–)
	Flaming droplets/particles		(–)	N

(–): not applicable, Y: Yes, N: No

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN - EN 13501-1+A1:2010.

4.2 Classification

The product, BoSpray - cellulose based acoustic spray plaster, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

d0

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

i.e.: **B-s1,d0**

Reaction to fire classification: B-s1,d0

4.3 Field of application

This classification is valid for the product described in point 2 this classification report.

This classification is valid for the following substrates and air gaps:

- gypsum plasterboard and also substrates with fire classifications A1 and A2-s1,d0,
- no air gaps.

5 Limitations

This classification given remains valid as long as:

- Test method remains unchanged.
- Product standard or technical approval remains unchanged.
- Constructional or material modifications do not exceed limits of the field of application defined in 4.3.

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This classification document does not represent the approval or certification of the product.

Signed

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Approved

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