

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

Classification no.	2018-Efectis-R001703
Sponsor	Sonacoustic International BV De Warren 6 1187 LL AMSTELVEEN THE NETHERLANDS
Product name	Sonaspray K 14 NC / Sonacoustic PA 14
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Notified body no.	1234
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Project number	ENL-18-000825
Date of issue	September 2018
Number of pages	4

1. INTRODUCTION

This classification report defines the classification assigned to **Sonaspray K 14 NC / Sonacoustic PA 14** in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. DETAILS OF CLASSIFIED PRODUCT

2.1 GENERAL

The product, **Sonaspray K 14 NC / Sonacoustic PA 14**, is defined as a wall covering.

2.2 MANUFACTURER/IMPORTER

Sonacoustic International BV
De Warren 6
1187 LL AMSTELVEEN
THE NETHERLANDS

2.3 PRODUCT DESCRIPTION

The product is composed of:

- Inorganic Synthetic Fibres;
- Density: 22 kg/m³;

Application:

- Sonaspray K 14 NC (non combustible) ;
Directly sprayed on construction substrate like gypsum board or concrete;
Thicknesses: 15 to 35 mm;
- Sonacoustic PA 14 (power acoustic);
Sprayed on a mineral wool board;
Spray thickness: 3 to 5 mm.

3. STANDARDS, REPORTS, RESULTS AND CRITERIA IN SUPPORT OF THIS CLASSIFICATION

3.1 APPLICABLE (PRODUCT) STANDARDS

EN-ISO 1716:2010	Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value)
EN-ISO 1182:2010	Reaction to fire tests for products - Non-combustibility test
EN 13501-1:2007 + A1:2009	Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests

3.2 REPORTS

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis France France	Sonacoustic International BV THE NETHERLANDS	EFR-18-HC-003169 EFR-18-NC-003169	EN ISO 1716:2010 EN ISO 1182:2010

3.3 TEST RESULTS

Test method and test number	Results		
	Continuous parameter – mean (m)	Compliance with parameters	
EN ISO 1716			
The product is homogeneous			
Product as a whole	[MJ/kg]	-0.21	Compliant
EN ISO 1182			
Temperature rise (ΔT)	[°C]	10.7	Compliant
Mass loss (Δm)	[%]	2.0	Compliant
Sustained flaming	[s]	0	Compliant

3.4 CLASSIFICATION CRITERIA

Fire classification of construction products and building elements Excluding floorings and linear pipe thermal insulation products			
Class	Test method(s)	Classification criteria	Additional classification
A1	EN ISO 1182 ^a and	$\Delta T \leq 30$ °C; and $\Delta m \leq 50$ %; and $t_f \leq 0$ s	-
	EN ISO 1716	PCS ≤ 2.0 MJ/kg ^a and PCS ≤ 2.0 MJ/kg ^{b,c} and PCS ≤ 1.4 MJ/m ² ^d and PCS ≤ 2.0 MJ/kg ^e	-
^a For homogeneous products and substantial components of non-homogeneous products. ^b For any external non-substantial component of non-homogeneous products. ^c Alternatively, any external non-substantial component having a PCS ≤ 2.0 MJ/m ² , provided that the product satisfies the following criteria of EN 13823: FIGRA ≤ 20 W/s, and LFS < edge of specimen, and THR _{600s} ≤ 4.0 MJ, and s1, and d0. ^d For any internal non-substantial component of non-homogeneous products. ^e For the product as a whole.			

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11 of EN 13501-1:2007+ A1:2009.

4.2 CLASSIFICATION

The product, **Sonaspray K 14 NC / Sonacoustic PA 14**, in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: A1

4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Density 22 kg/m²

This classification is valid for the following end use applications:

Other aspects of end use conditions:

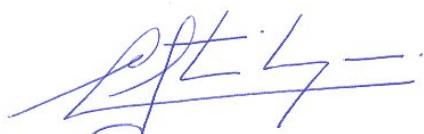
Application Sprayed
Colour White

4.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

There are no limitations in time on the validity of this report.

5. LIMITATIONS

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



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