

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

Sponsor	Acosorb BV P.O.box 9107 NL-1180 MC Amstelveen The Netherlands
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Notified Body no.	1234
Product name	AcoSpray DC1, DC2, DC3, DC5
Classification report no	2011-Efectis-R1167
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This classification report consists of four pages and may only be used in its entirety.

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1. Introduction

This classification report defines the classification assigned to **AcoSpray DC1, DC2, DC3, DC5** in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. Details of classified product

2.1 General

The product, **AcoSpray DC**, is defined as a wall and ceiling covering to absorb acoustical energy.

2.2 Product description

Components and characteristics of the product are filed at Efectis NL.

2.3 Manufacturer/Importer

Acosorb BV
P.O.box 9107
NL-1180 MC Amstelveen
The Netherlands

3. Reports and results in support of this classification

3.1 Reports

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis Nederland BV The Netherlands	Acosorb BV The Netherlands	2011-Efectis-R1057 2011-Efectis-R1058	EN ISO 11925-2:2010 EN 13823:2010

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN 13823				
Acospray 20 mm	FIGRA _{0.2MJ} [W/s]	3	68	-
	FIGRA _{0.4MJ} [W/s]		49	-
	THR _{600s} [MJ]		2.7	-
	LFS < edge		-	Compliant
	SMOGRA [m ² /s ²]		0.0	-
	TSP _{600s} [m ²]		43	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		-	Compliant Compliant
EN-ISO 11925-2				
surface flame impingement	Fs ≤150 mm	6	40	-
	Ignition of filter paper		-	Compliant
edge flame impingement	Fs ≤150 mm	6	28	-
	Ignition of filter paper		-	Compliant

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, **AcoSpray DC1, DC2, DC3, DC5** in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

1

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

d0

Reaction to fire classification: B - s1, d0

4.3 Field of application

This classification is valid for the following product parameters:

- Thickness 20 mm
- Surface density 2.5-2.7 kg/m²

This classification is valid for the following end use applications:

- Substrate non-combustible
(class A1/A2 according to EN 13238:2010)
- Air gap not applicable
- Methods and means of fixing spraying
- Joints none
- Other aspects of end use conditions only when AcoResist is applied

4.4 Duration of the validity of this classification report

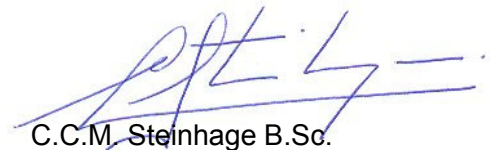
There are no limitations in time on the validity of this report.

5. Limitations

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



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