

Bellaterra: 16th January, 2018

File number: **17/15736-3261 Part 2 English Version**

Petitioner's reference: **SYNTHESIA INTERNACIONAL, S.L.U.**
C/Argent, 3
08755 Castellbisbal (Barcelona)



CLASSIFICATION REPORT

1- PRODUCT CHARACTERISTICS

Product trade name: POLIURETAN SPRAY S-303 HFO-W
Batch 1159373

Polyurethane isolating foam (PUR) according to standard EN 14315-1.

The product have 4 layers approximately 15 cm/layer, 60 mm in thick, with a density of 35 kg/m³, yellow colour and rugous appearance.

Manufacturer: Synthesia Internacional, S.L.U. Address: C/Argent 3 – 08755 Castellbisbal (Barcelona).

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2- CLASSIFICATION AND DIRECT APPLICATION FIELD

This classification has been made in compliance with the procedures provided in Standard UNE-EN 13501-1:2007+A1:2010: "Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests".

2.1- Test reports

Name of the Laboratory	Applus – LGAI
Name of Petitioner	Synthesia Internacional, S.L.U.
Test Report Number	17/15736-3261 Part 1
Testing method	UNE-EN ISO 11925-2:2011

2.2- Test results

Testing method	RESULTS - POLIURETAN SPRAY S-303 HFO-W			
	CRITERIA CLASS E	Nº OF TESTS	RESULTS	COMPLIANCE
UNE-EN ISO 11925-2:2011	Fs ≤ 150 mm in 20 seconds	12	< 150	YES
	Paper inflammation		NO	YES

CLASSIFICATION

With regards to its behaviour when reacting to fire, the product Poliuretan Spray S-303 HFO-W, is classified as follows:

Behaviour to fire		Smoke production		Droplets in flames
E	-	s	-	, d -

Fire reaction classification: CLASS E

This classification is only valid for the final conditions of use described in the present report.

2.3- Field of application

- This classification is valid for the following product parameters:

The classification is only valid for the product characteristics shown.

- This classification is valid for following final conditions of use:

Thermal insulation.

2.4- Limitations

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

Responsible of the Fire Laboratory
LGAi Technological Center S.A. (APPLUS)

Responsible of Reaction to Fire
LGAi Technological Center S.A. (APPLUS)

The results refer exclusively to the samples tested at the time and under the conditions indicated.

Applus+ guarantees that this task has been carried out in compliance with the requirements of our Quality and Sustainability System, and furthermore, that the contractual terms and legal regulations have been complied with. In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+, at the following address: satisfaccion.cliente@applus.com

In the event of litigation, the Spanish version will be valid
