

Bellaterra: 16<sup>th</sup> January, 2018

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

Petitioner's reference: **SYNTHEZIA 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/m<sup>3</sup>, yellow colour and rugous appearance.

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

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This document has 3 pages, of which -- are annexes. Test Report is issued on 6<sup>th</sup> April, 2018.

## **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**

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

### **2.2- Test results**

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

## **CLASSIFICATION**

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

<b>Behaviour to fire</b>		<b>Smoke production</b>		<b>Droplets in flames</b>	
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.

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