

Bellaterra: 06th March, 2019

File number: **19/18560-275 Part 2**

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



CLASSIFICATION REPORT

1- PRODUCT CHARACTERISTICS

Product trade name: POLIURETAN SPRAY S-503 HFO
Batch 1174619

Rigid insulating polyurethane foam (PUR), close cell, 60 mm in thick (4 layers of 1.5 cm approximately), density of 55 kg/m³, yellowy colour and orange peel appearance.

The test was carried out without substrate.

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

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This document has 3 pages, of which -- are annexes.

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 Technology Europe, S.L.U.
Test Report Number	19/18560-275 Part 1
Testing method	UNE-EN ISO 11925-2:2011

2.2- Test Results

Testing method	RESULTS - POLIURETAN SPRAY S-503 HFO				
	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-503 HFO, 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 for buildings.

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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