

Bellaterra: 10th March, 2011

File: **10/102164-2802 Parte 2 English Version**

Petitioner's reference: **TEXSA**
C/Ferro, 7
Pol. Ind. Can Pelegrí
08755 Castellbisbal
Barcelona



CLASSIFICATION REPORT

1- PRODUCT CHARACTERISTICS

Synthetic soundproof plate with polymeric base.

Commercial product reference: TECSOUND SY 35

Tecsound SY 35, with 1.7 mm in thickness, 2 Kg/m³ in density, yellow coloured and viscous appearance.

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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: "Classification in terms of the behaviour to fire of construction products and building elements. Part 1: Classification made from the data gathered during fire reaction tests".

2.1- Test Reports

Name of Laboratory	Applus – LGA I
Name of Petitioner	TEXSA
Test Report Number	10/102164-2802 Part 1
Testing method	UNE-EN-ISO 11925-2:2002 UNE-EN 13823:2002

2.2- Results of the Tests

Testing method	RESULTS			
	CRITERIA CLASS B	Nº OF TESTS	MEAN VALUE	COMPLIANCE
UNE-EN-ISO 11925-2:2002	$F_s \leq 150$ mm within 60 s	12	$F_s < 150$ mm	YES
UNE-EN 13823 :2002	$FIGRA_{0.2 MJ} \leq 120$ W/s	3	100.56	YES
	LFS < edge of sample	3	< to edge	YES
	$THR_{600s} \leq 7.5$ MJ	3	6.04	YES
	CRITERIA subclass 's1'	Nº OF TESTS	MEAN VALUE	COMPLIANCE
	$SMOGR_A \leq 30$ m ² /s ²	3	12.56	YES
	$TSP_{600s} \leq 50$ m ²	3	84.31	NO
	CRITERIA subclass 's2'	Nº OF TESTS	MEAN VALUE	COMPLIANCE
	$SMOGR_A \leq 180$ m ² /s ²	3	12.56	YES
	$TSP_{600s} \leq 200$ m ²	3	84.31	YES
	CRITERIA subclass 'd0'	Nº OF TESTS	MEAN VALUE	COMPLIANCE
	Fall of droplets/particles in flames within 600 s	3	NO	YES

* The smoke measuring procedure used is based on UNE EN 13823 and document GNB-CPD of SH02- Measuring of smoke in the SBI- Discrepancy in the output of the two burners – NB-CPD/SH02/07/047- prepared by the group of notified organisations.

CLASSIFICATION

With regard to its behaviour when reacting to fire, the product, TECSOUND SY 35, is classified as follows:

Behaviour to fire		Smoke production		Droplets in flames
B	-	s	2	d 0

Fire reaction classification: CLASS B s2 d0
This classification is only valid for the final conditions of use described in the present report.

“Point “2.3- Field of Application” below falls beyond the ENAC accreditation scope”.

2.3- Field of Application

- This classification is valid for the following product parameters:

The classification is only valid for the product characteristics shown.

- The classification is valid for the following final conditions of use:

Product designed for acoustic isolation use.

2.4- Restrictions

This classification standard should not be construed as a standard approval or certification of the product.

Responsible of Fire Laboratory
LGAI Technological Center S.A.

Responsible of Euroclass
LGAI Technological Center S.A.

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@appluscorp.com

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