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CLASSIFICATION REPORT

1- PRODUCT CHARACTERISTICS

Commercial product reference: GLASS FIBER REINFORCED POLYESTER

Glass fiber reinforced polyester, with a 1 mm in thickness, 1.68 Kg/m² in grammage, translucent colour and smooth 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 the Laboratory	Applus - LGAI
Name of Petitioner	
Test Report Number	12/4700-424 Part 1
Testing method	UNE-EN-ISO 11925-2:2011 EN 13823:2010

2.2- Results of the tests

Testing method	GLASS FIBER REINFORCED POLYESTER			
	CRITERIA CLASS B	Nº OF TESTS	MEAN VALUE	COMPLIANCE
UNE-EN-ISO 11925-2:2011	F _s ≥ 150 mm within 60 s	6	F _s ≥ 150 mm	YES
EN 13823 :2010	FIGRA _{0,2 MJ} ≥ 120 W/s	3	96.08	YES
	LFS < edge of sample	3	< to edge	YES
	THR _{600s} ≥ 7.5 MJ	3	1.21	YES
	CRITERIA subclass 's1'	Nº OF TETS	MEAN VALUE	COMPLIANCE
	SMOGRA ≥ 30 m ² /s ²	3	123.65	NO
	TSP _{600s} ≥ 50 m ²	3	183.06	NO
	CRITERIA subclass 's2'	Nº OF TESTS	MEAN VALUE	COMPLIANCE
	SMOGRA ≥ 180 m ² /s ²	3	123.65	YES
	TSP _{600s} ≥ 200 m ²	3	183.06	YES
	CRITERIA subclass 'd0'	Nº OF TESTS	MEAN VALUE	COMPLIANCE
	Fall of droplets/particles in flames within 600 s	3	NO	YES

**Calculation is done in accordance with note of section A.6.1.2 of test standard.*

CLASSIFICATION

With regard to its behaviour when reacting to fire, the product GLASS FIBER REINFORCED POLYESTER 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" bellows falls beyond the ENAC accreditations 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.

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

Roof fanlight or vertical enclosure.

2.4- Restrictions

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



Firmado digitalmente
por Jordi Mirabent
Junyent



Firmado digitalmente
por Vanessa Tutusaus
Domingo

Chief of the fire laboratory
LGAI Technological Center S.A.

Chief technician
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