

**PRODUCT TYPE CLASSIFICATION OF REACTION TO FIRE IN
ACCORDANCE WITH UNE-EN 13501-1:2019**

E/F
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Sponsor: **TOPCRET**
Gran Vía de les Corts Catalanes, 828
08013 Barcelona

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Notified Body No: **0370**

Product name: **Base elástica**

Classification report nº: **19/21115-2709-2 English Version**

Date of issue: **14th April, 2020**



1.-INTRODUCTION

This classification report defines the classification assigned to "Base elástica" in accordance with the procedures given in the UNE-EN 13501-1:2019 standard.

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2.- DETAILS OF CLASSIFIED PRODUCT

2.1.-General

The product "Base elástica" is defined as "Products and systems for the protection and repair of concrete structures – Definitions, requirements, quality control and evaluation of conformity. Part 4: Structural bonding" according to European standard UNE-EN 1504-4:2005.

2.2.-Product description

In accordance with the technical specifications provided by the petitioner:

Product trade name: Base elástica

Two-component liquid waterproofing membrane.

The product is composed by three layers:

- Layer 1: Base elastic, thickness of 0,80 mm, superficial density of 1,40 kg/m², cement-grey colour and rough appearance.
- Layer 2: Base elastic, thickness of 0,80 mm, superficial density of 1,40 kg/m², cement-grey colour and rough appearance.
- Layer 3: Mesh, thickness of 0,2 mm, superficial density of 90 g/m², white colour and mesh appearance.

The petitioner did not provided more information.

Fixing system: The test was carried out with product applied onto the substrate (Fibre cement according to standard UNE-EN 13238:2011) by the petitioner.

Manufacturer: TOPCRET, Gran vía de les Corts Catalanes, 828, 08013 Barcelona.

3.-REPORT AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1- Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date
Applus – LGAI	TOPCRET	19/21115-2709-1	UNE-EN ISO 11925-2:2011 19-03-2020
			UNE-EN ISO 9239-1:2011 09-01-20120

3.2- Results of the Tests

Testing method	RESULTS - Base elástica			
	CLASS B_{fl}	Nº TESTS	RESULTS	CONFORMITY
UNE-EN ISO 11925-2:2011	Fs ≤ 150 mm within 20 s	6	Fs < 150 mm	YES
	Paper ignition		NO	YES
UNE-EN ISO 9239-1:2011	Critical flow ≥ 8,0 kW/m ²	3	11,21	YES
	Subclass s1	Nº TESTS	RESULTS	CONFORMITY
	Smokes ≤ 750 % min	3	17,23	YES

4.- CLASSIFICATION AND FIELD OF APPLICATION

4.1- Reference of classification

This classification has been carried out in accordance with UNE-EN 13501-1:2019: "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".

4.2- Classification

The product, Base elástica, in relation to its reaction to fire behaviour is classified:

B_{FL}

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

-

Behaviour to fire		Smoke production		Flaming droplets
B _{FL}	-	s	1	, d -

REACTION TO FIRE CLASSIFICATION : B_{FL}-s1

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

4.3- Field of application

- This classification is valid for the following product parameters:

The classification is only valid for the product characteristics shown, with the following parameters being extended:

- Variable parameter 1: SUBSTRATE

Having performed the tests with the product applied on the substrate of fibre cement board, with a density of (1800±200) kg/m³, a thickness of (8±2) mm, the results are valid for substrates for final use with classes A1 and A2-s1,d0, as it is indicated in the standard UNE-EN 13238:2011.

- The classification is valid for the following final use applications:

Waterproofing product for the application of microcement type resin.

Substrate	Fibre cement board (UNE-EN 13238:2011)
Fixing method	Applied
Joints	No
Air gap	N/A
Others	-

5.- LIMITATIONS

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

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate. The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

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

Responsible Technician 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. Under customer request, the decision rule agreed to give conformity declaration with the classification standard, is to comply when the result of the measure, without taking into account the uncertainty value associated with the test, does not exceed the specification limit.

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
