

Bellaterra: 3rd April, 2017
File number: **16/13498-2352 Part 2**
Petitioner's reference: **COLORTEK**
Mussaitbeh, Kassaa Building 3rd floor
P.O Box 14-5592 BEIRUT
(Lebanon)



CLASSIFICATION REPORT

1. - PRODUCT CHARACTERISTICS

Product's commercial reference: COLORTEK NEOCEMENT - NEOFILLER

Three component coating consisting of a water based acrylic paste, cement based powder and a special acrylic resin.

The product has three layers:

- Layer 1: COLORTEK FONDO F is a water based decorative primer with a thickness of 0.1 – 0.2 mm, density of 1.49 kg/L, approximate weight of 0.22 kg/m², white colour and rough surface.
- Layer 2: COLORTEK NEOCEMENT is a cement polish effect, acrylic and cement hybrid, with a thickness of 0.5 mm, density of 1.63 kg/L, approximate weight of 0.82 kg/m², grey colour and smooth surface.
- Layer 3: COLORTEK NEOCEMENT is a cement polish effect, acrylic and cement hybrid, with a thickness of 0.5 mm, density of 1.63 kg/L, approximate weight of 0.82 kg/m², grey colour and smooth surface.

Fixing method: The test has been performed with the product applied onto fibre cement board, in accordance with the standard UNE-EN 13238:2011. The product was applied by the petitioner by trowel.

Manufacturer: COLORTEK. Address: Kassaa Building – P.O.box 14-5592 BEIRUT (Lebanon)

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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 Laboratory	Applus – LGAI
Name of Petitioner	COLORTEK
Test Report Number	16/13498-2352 Part 1
Testing Method	UNE-EN ISO 1716:2011 UNE-EN ISO 9239-1:2011

2.2- Results of the Tests

Testing Method	RESULTS			
	CLASS A2 _{fi}	Nº OF TESTS	RESULTS	COMPLIANCE
UNE-EN ISO 1716:2011	PCS ≤ 3.0 MJ/kg	3	2.94	YES
UNE-EN ISO 9239-1:2011	Critical flux ≥ 8.0 kW/m ²	4	11.64	YES
	subclass s1	Nº OF TESTS	RESULTS	COMPLIANCE
	Smoke ≤ 750 % min	4	13.29	YES

CLASSIFICATION

With regard to its behaviour when reacting to fire, the product COLORTEK NEOCEMENT - NEOFILLER, is classified as follows:

Behaviour to fire		Smoke production	
A2 _{fi}	-	s	1

Fire reaction classification: CLASS A2_{fi} - s1
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, with the following parameters being extended:

- Variable parameter 1: SUBSTRATE

After performing the test with the product fixed on fibre cement board with 8 ± 2 mm in thickness and $1800 \pm 200\text{kg/m}^3$ in density, the obtained results are valid for substrates for final use of classes A1 and A2-s1,d0, in accordance with the standard UNE-EN 13238:2011.

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

Decorative effect for floorings.

2.4- Restrictions

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

Responsible of the Fire Laboratory
LGAI Technological Center S.A.

Responsible of Fire Reaction
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
