

Bellaterra: 11<sup>st</sup> February , 2014  
File: **14/7080-122 Part 2**  
Petitioner's reference: **GERFLOR, SAS**  
Z.I Du bois des lots  
26130 ST PAUL TROIS CHATEAUX  
(France)



## **CLASSIFICATION REPORT**

### **1-PRODUCT CHARACTERISTICS**

Product trade name: MURAL ULTRA

Wall covering composed of calandered plasticized PVC back layer, fiber grid, calandered plasticized PVC surface layer and varnish.

The product is composed of two layers:

- Layer 1: Wear layer with thickness of 0,67mm, density of 1200g/m<sup>2</sup> and smooth appearance.
- Layer 2: Back layer with thickness of 0,83 mm, density of 1400g/m<sup>2</sup> and smooth appearance.

Fixing method: The test has been performed with the product glued to the gypsum substrate (s/UNE EN 13238:2011). The type of glue was acrylic standard.

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

## **2- CLASSIFICATION AND DIRECT APPLICATIONS 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**

<b>Name of Laboratory</b>	Applus – LGAI
<b>Name of Petitioner</b>	GERFLOR, SAS
<b>Test Report Number</b>	14/7080-122 Part 1
<b>Testing method</b>	UNE-EN ISO 11925-2:2011 UNE-EN 13823:2012

### **2.2- Results of the Tests**

<b>Testing method</b>	<b>MURAL ULTRA</b>			
	<b>CRITERIA CLASS B</b>	<b>Nº OF TESTS</b>	<b>AVERAGE</b>	<b>COMPLIANCE</b>
UNE-EN ISO 11925-2:2011	$F_s \leq 150$ mm within 60 s	6	$F_s < 150$ mm	<b>YES</b>
UNE-EN 13823:2012	$FIGRA_{0,2 MJ} \leq 120$ W/s	3	112,86	<b>YES</b>
	LFS < edge of sample	3	< to edge	<b>YES</b>
	$THR_{600s} \leq 7.5$ MJ	3	3,47	<b>YES</b>
	<b>CRITERIA subclass 's1'</b>	<b>Nº OF TESTS</b>	<b>AVERAGE</b>	<b>COMPLIANCE</b>
	$SMOGRA \leq 30$ m <sup>2</sup> /s <sup>2</sup>	3	68,27	<b>NO</b>
	$TSP_{600s} \leq 50$ m <sup>2</sup>	3	177,21	<b>NO</b>
	<b>CRITERIA subclass 's2'</b>	<b>Nº OF TESTS</b>	<b>AVERAGE</b>	<b>COMPLIANCE</b>
	$SMOGRA \leq 180$ m <sup>2</sup> /s <sup>2</sup>	3	68,27	<b>YES</b>
	$TSP_{600s} \leq 200$ m <sup>2</sup>	3	177,21	<b>YES</b>
	<b>CRITERIA subclass 'd0'</b>	<b>Nº OF TESTS</b>	<b>AVERAGE</b>	<b>COMPLIANCE</b>
Fall of droplets/particles in flames within 600 s	3	NO	<b>YES</b>	

### CLASSIFICATION

With regard to its behaviour when reacting to fire, the product MURAL ULTRA, 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.

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

Use on wall coverings.

#### **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 Reaction to fire  
LGAI Technological Center S.A.

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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](mailto:satisfaccion.cliente@appluscorp.com)

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