

## CLASSIFICATION REPORT

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NOTIFIED BODY	Notified body for the European Regulation of the Construction Products N° 305/2011 with number n° 1981.	
PAGES	The report consists of 5 pages consecutively numbered, an annex of 1 page.	
TEST SPECIMEN	Type: FLOOR COVERING Reference: " SUELO LAMINADO DISEÑO ESPIGA "	
CONCERNING TO	CLASSIFICATION OF FIRE PERFORMANCE OF CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS. CLASSIFICATION USING DATA OBTAINED IN REACTION TO FIRE TESTS. ACCORDING TO STANDARD UNE-EN 13501-1:07+A1:2010	
APPLICANT	FAUS INTERNATIONAL FLOORING, S.L.U CL ALQUERIETA,19 46727 REAL DE GANDIA (VALENCIA)- SPAIN	
DATE/S OF TEST	Reception of specimens: 01/23/2019 Beginning of tests: 01/25/2019 End of tests: 01/28/2019	

### AUTHORIZED SIGNATORIES



**AIDIMME**

Signed.: Mrs. Nerea Carpintero Cardona  
Fire Lab Technician



**AIDIMME**

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Head of Section – Fire Lab

Document digitally signed by a legal electronic signature

The test sample object of this report will remain in AIDIMME for a period of thirty days from the date of issuance thereof. After this period, the sample will be destroyed, so any claim must be carried out within these limits.

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## 1. INTRODUCTION

This classification report defines the classification assigned to the product described in paragraph 2, in accordance with the procedures pointed in the 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. DATOS DEL PRODUCTO CLASIFICADO

### 2.1. Inspection prior to test by the laboratory

Sample corresponding to oak laminate flooring. The sample is labelled with the following reference: 1901131-01.

### 2.2. Description and identification of the test ítem. Inspection prior to test.

Sample corresponding to an 8 mm thick laminate flooring, consisting of: a top layer of paper impregnated with melanin resin + corundum and decorative paper impregnated with melamine resin, a central layer (core) composed of HDF board 900 Kg/m<sup>3</sup> and a reverse side of compensating paper, impregnated with melamine resin, having a whole density of 950 Kg/m<sup>3</sup>, natural colour and oak look, all according to information provided by the customer, and referenced by himself as:

- "SUELO LAMINADO DISEÑO ESPIGA"  
(Ref. AIDIMME: 1901131-01)

## 3. TEST REPORTS SUPPORTING THE CLASSIFICATION

Laboratory	Company/Customer	Test report reference	Test method
AIDIMME	FAUS INTERNATIONAL FLOORING, S.L.U	251.I.1902.004.ES.01	UNE-EN ISO 9239-1:11
AIDIMME	FAUS INTERNATIONAL FLOORING, S.L.U	251.I.1902.004.ES.01	UNE-EN ISO 11925-2:11

#### 4. RESULTADOS DE ENSAYO PARA APOYAR LA CLASIFICACIÓN

Test method	Parameter	Number of tests	Results	
			Average of continuous parameter (m)	Parameter it has to fulfill
<b>UNE EN ISO 11925-2:11 (small burner)</b> “SUELO LAMINADO DISEÑO ESPIGA” Ref. AIDIMME: 1901131-01	Fs ≤ 150mm	6	Not applicable	Yes
	Ignition of the filter paper		Not applicable	Yes
<b>UNE EN ISO 9239-1:11 (radiant panel)</b> “SUELO LAMINADO DISEÑO ESPIGA” Ref. AIDIMME: 1901131-01	CHF / HF (kW/m <sup>2</sup> )	3	≥ 10,5	Not applicable
	Light attenuation (% x min)		93,08	Not applicable

**Note:** The laboratory has estimated the uncertainties of the tests, which are available to the client.

#### 5. CLASSIFICATION AND SCOPE

##### 5.1. Classification

Therefore, according to standard UNE-EN 13501-1:07+A1:2010, and view of the test results and the classification criteria are attached at the Annex (table 1 of the mentioned standard), the sample described in section 2.2 of this report, all according to the information provided by the customer and referenced by the same “**SUELO LAMINADO DISEÑO ESPIGA**”, is classified in relation to the fire behavior as:

Reaction to fire	Smoke production
<b>B<sub>fl</sub></b>	<b>s1</b>

##### 5.2. Scope

The classified product is defined for the use: floors coverings.

## **6. LIMITATIONS**

The result of this report only refers to the products described in paragraph 2 thereof.

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

The duration of the validity of this classification report is subject to applicable law at the time of issue.

**ANNEX****CLASSES OF BEHAVIOUR TO FIRE REACTION FOR CONSTRUCTION FLOOR COVERINGS ACCORDING TO STANDARD UNE EN 13501-1:07+A1:2010**

Class	Test method(s)	Classification criteria	Additional declaration required
<b>A1<sub>FL</sub></b>	UNE-EN-ISO 1182:2011 <sup>(1)</sup> ; <i>and</i>	$\Delta T \leq 30^{\circ}\text{C}$ ; y $\Delta m \leq 50\%$ ; y $t_f = 0$ (that is, no sustained flaming)	-
	UNE-EN-ISO 1716:2011	$\text{PCS} \leq 2.0 \text{ MJ.kg}^{-1}$ <sup>(1)</sup> ; y $\text{PCS} \leq 2.0 \text{ MJ.kg}^{-1}$ <sup>(2)</sup> ; y $\text{PCS} \leq 1.4 \text{ MJ.m}^{-2}$ <sup>(3)</sup> ; y $\text{PCS} \leq 2.0 \text{ MJ.kg}^{-1}$ <sup>(4)</sup>	-
<b>A2<sub>FL</sub></b>	UNE-EN-ISO 1182:2011 <sup>(1)</sup> ; <i>or</i>	$\Delta T \leq 50^{\circ}\text{C}$ ; y $\Delta m \leq 50\%$ ; y $t_f \leq 20\text{s}$	-
	UNE-EN-ISO 1716:2011; <i>and</i>	$\text{PCS} \leq 3.0 \text{ MJ.kg}^{-1}$ <sup>(1)</sup> ; y $\text{PCS} \leq 4.0 \text{ MJ.m}^{-2}$ <sup>(2)</sup> ; y $\text{PCS} \leq 4.0 \text{ MJ.m}^{-2}$ <sup>(3)</sup> ; y $\text{PCS} \leq 3.0 \text{ MJ.kg}^{-1}$ <sup>(4)</sup>	-
	UNE-EN-ISO 9239-1:2011 <sup>(5)</sup>	Critical flow <sup>(6)</sup> $\geq 8,0 \text{ kW.m}^{-2}$	Smoke production <sup>(7)</sup>
<b>B<sub>FL</sub></b>	UNE-EN-ISO 9239-1:2011 <sup>(5)</sup> <i>and</i>	Critical flow <sup>(6)</sup> $\geq 8,0 \text{ kW.m}^{-2}$	Smoke production <sup>(7)</sup>
	UNE-EN-ISO 11925-2:2011 <sup>(8)</sup> <i>Exposure = 15s.</i>	$F_s \leq 150\text{mm}$ en 20s	
<b>C<sub>FL</sub></b>	UNE-EN-ISO 9239-1:2011 <sup>(5)</sup> <i>and</i>	Critical flow <sup>(6)</sup> $\geq 4.5 \text{ kW.m}^{-2}$	Smoke production <sup>(7)</sup>
	UNE-EN-ISO 11925-2:2011 <sup>(8)</sup> <i>Exposure = 15s.</i>	$F_s \leq 150\text{mm}$ en 20s	
<b>D<sub>FL</sub></b>	UNE-EN-ISO 9239-1:2011 <sup>(5)</sup> <i>and</i>	Critical flow <sup>(6)</sup> $\geq 3.0 \text{ kW.m}^{-2}$	Smoke production <sup>(7)</sup>
	UNE-EN-ISO 11925-2:2011 <sup>(8)</sup> <i>Exposure = 15s.</i>	$F_s \leq 150\text{mm}$ en 20s	
<b>E<sub>FL</sub></b>	UNE-EN-ISO 11925-2:2011 <sup>(8)</sup> <i>Exposure = 15s.</i>	$F_s \leq 150\text{mm}$ en 20s	-
<b>F<sub>FL</sub></b>	UNE-EN-ISO 11925-2:2011 <sup>(8)</sup> ; <i>Exposure = 15s</i>	$F_s > 150\text{mm}$ en 20s	

- (1) For homogeneous products and substantial components of non-homogeneous products
- (2) For any external non-substantial component of non-homogeneous products
- (3) For any internal non-substantial component of non-homogeneous products
- (4) For the product as a whole
- (5) Duration of test = 30 minutes
- (6) The critical flow is defined as the radiation flow which determines the extinction of the flame or radiant flow after a test period of 30 minutes, depending on which of the two is lower (that is, corresponding to the maximum of flow propagation flame).
- (7) s1 = Smoke  $\leq 750\%.\text{min}$ ; s2 = no s1
- (8) Under conditions of surface flame attack and, if suitable for end conditions of product use, of edge flame attack.