



REPORT NO. 12_02601-2-a

CLIENT	MUROS SINTÉTICOS DECORATIVOS, S.L. – MSD PANELS
APPLICANT	DANIEL MARTÍNEZ MARTÍNEZ
ADDRESS	POL. IND. LENTISCARES - C/ CARRALAVERDE, PARCELA 57 26370 NAVARRETE (LA RIOJA) ESPAÑA
PURPOSE	CLASSIFICATION IN ACCORDANCE WITH UNE-EN 13501-1:2007 + A1:2010
MATERIAL TESTED	DECORATIVE PANEL REF. «MSD PANELS IGNIFUGO»
DATE OF RECEIPT:	05.07.2012
DATES OF THE TEST	05.07.2012 – 04.09.2012
DATE OF ISSUE	25.09.2012
DATE OF TRANSLATION	25.09.2012



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* The results of this report concern only and exclusively to the material tested and moment and conditions under which measurements were made.
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1.- PURPOSE OF THE REPORT

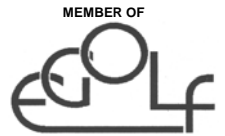
The purpose of this report is to determine the fire resistance classification obtained by a decorative panel made from a laminate consisting of polyester resin and fibreglass printed with natural pigments for internal and external coating applications. Four 1500 x 500 x 4-mm samples; four 1500 x 205 x 4-mm samples and four 1500 x 800 x 4-mm samples were received. All the 1500 x 800 x 4-mm and 500 x 205 x 4-mm samples received were machined to a height of 500 mm to form 1000 x 800 x 4-mm; 1000 x 205 x 4-mm; 500 x 800 x 4-mm and 500 x 205 x 4-mm pieces. These pieces, in compliance with the installation standard UNE-EN 438-7, were subjected to the tests specified in standard UNE-EN 13823:2012.

In addition, 250 x 90 x 4-mm samples were received to undergo the ignitability test according to UNE-EN ISO 11925-2:2011, under reference: «**MSD PANELS IGNIFUGO**» in compliance with standard UNE-EN 13501-1:2007 *“Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests”*

N.B.: This report constitutes no approval or certification of any kind with regard to the product tested.

2.- DESCRIPTION OF THE SAMPLE SUBMITTED FOR CLASSIFICATION

The sample, referred to as «**MSD PANELS IGNIFUGO**» is defined as a decorative panel made from a laminate consisting of fibreglass polyester resin printed with natural pigments for internal and external 4 mm-thick coating applications.



3.- REPORT ON WHICH THE CLASSIFICATION IS BASED

ISSUING LABORATORY:	FUNDACIÓN TECNALIA R&I (headquarters Azpeitia) Área Anardi 5 20730 Azpeitia (Gipuzkoa)
SAMPLE TESTED:	DECORATIVE PANEL
COMMERCIAL REFERENCE:	«MSD PANELS IGNIFUGO»
TEST APPLICANT:	MUROS SINTÉTICOS DECORATIVOS, S.L. - MSD PANELS Pol. Ind. Lentiscares - C/ Carralaverde, Parcela 57 26370 Navarrete (La Rioja) España
TEST REPORT NO.:	12_02601-1
DATE OF ISSUE:	25 September 2012
DATE OF TRANSLATION	25 September 2012
TEST PERFORMED:	In accordance with standard UNE-EN 13823:2012 and UNE EN ISO 11925-2:2011

TEST RESULTS

TEST METHOD	PARAMETER	RESULT
UNE-EN 13823:2012	FIGRA _{0,2 MJ}	58,96 W/s
	FIGRA _{0,4 MJ}	53,44 W/s
	LFS < borde	SI
	THR _{600S}	2,48 MJ
	SMOGRA	213,90 m²/s²
	TSP _{600S}	752,49 m²
UNE-EN ISO 11925-2:2011	Flaming droplets/particles	NO
	F _S ≤ 150 mm (in 60 sec)	YES
	Filter paper ignition	NO



4.- CLASSIFICATION

In accordance with standard UNE-EN 13501-1:2007 + A1:2010, the decorative panel made from a laminate consisting of fibreglass polyester resin printed with natural pigments for internal and external coating applications, referred as «**MSD PANELS IGNIFUGO**» received at FUNDACIÓN TECNALIA R&I on 5th of July 2012 receive the following classification:

Classification: B-s3, d0

- This classification is valid when the decorative panel under ref. «**MSD PANELS IGNIFUGO**» is used as construction product, except for flooring applications, provided that it is applied on fire-resistant supports with A1 or A2-s1,d0 ratings (UNE-EN 13501-1).
- This classification is valid for the final application of panel «**MSD PANELS IGNIFUGO**» for a thickness of 4 mm.