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FRANCE

Está autorizada para colocar la etiqueta "Clasificación de Reacción al Fuego de Productos de Construcción" según el N° de informe 2020AN1529



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**CLASIFICACIÓN DE REACCIÓN AL FUEGO DE:
PRODUCTOS DE CONSTRUCCIÓN**

N° 20AN1529

La muestra referenciada como:

"SlimPanel – Compact acoustic felt"

ha sido objeto de ensayo de acuerdo con las normas EN ISO 11925-2:2010 y EN 13823:2010+A1:2014, quedando clasificada según norma EN 13501-1:2018 como:

"B-s2,d0"

Alcoy, 30 de septiembre de 2020.



CELIA DOLÇA
CAMANEZ -
NIF:216961225
2020.09.30 11:37:43
+02'00'

Celia Dolça
RESPONSABLE LAB. COMPORTAMIENTO AL FUEGO

INFORME DE CLASIFICACIÓN / CLASSIFICATION REPORT

2020AN1529

SOLICITANTE / APPLICANT

TEXDECOR
2 RUE D'HEM
FR-59780 WILLEMS(NORD)
FRANCE

Att. Julie TRUQUET

IDENTIFICACIÓN Y DESCRIPCIÓN DE LAS MUESTRAS / IDENTIFICATION AND DESCRIPTION OF SAMPLES

REFERENCIAS / REFERENCES

SlimPanel - Compact acoustic felt

ENSAYOS REALIZADOS / TESTS CARRIED OUT

- CLASIFICACIÓN DE REACCIÓN AL FUEGO SEGÚN NORMA EN 13501-1:2018 / CLASSIFICATION OF REACTION TO FIRE ACCORDING TO THE STANDARD EN 13501-1:2018

Los ensayos marcados con * no están amparados por la acreditación de ENAC
Tests marked with * are not included within the scope of the ENAC accreditation



RESULTADOS / RESULTS

CLASIFICACIÓN DE REACCIÓN AL FUEGO SEGÚN NORMA EN 13501-1:2018 CLASSIFICATION OF REACTION TO FIRE ACCORDING TO THE STANDARD EN 13501-1:2018

1. INTRODUCCIÓN

1. INTRODUCTION

Esta clasificación del informe define la clasificación al producto “SlimPanel – Compact acoustic felt” de acuerdo con los procedimientos dados en la Norma EN 13501-1:2018.

This classification of the report defines the classification of the product “SlimPanel – Compact acoustic felt” according to the procedures given at Standard EN 13501-1:2018.

Nombre del producto

Product name

SlimPanel – Compact acoustic felt

Número del informe de clasificación

Classification report number

20AN1529

Este informe de clasificación consta de 7 páginas y únicamente puede utilizarse o reproducirse íntegramente.

This classification report features 7 pages and it just can be read or reproduced entirely.

2. DATOS DEL PRODUCTO CLASIFICADO

2. CLASSIFIED PRODUCT DATA

Panel de fieltro en colores azul y verde.

Felt panel in blue and green colours.

2.1 Especificaciones de montaje Inflamabilidad PQ y SBI, según cliente

2.1 Mounting specifications of Ignitability PQ and SBI, according to client

La muestra se monta encajada sobre perfiles metálicos fijados al sustrato de silicato cálcico con densidad de (870 ± 50) Kg/m³, espesor (11 ± 2) mm y Euroclase A2-s1d0, dejando un hueco de aire de 40 mm entre muestra y sustrato, según cliente.

Specimen were mounted on metallic profiles which were fixed to the calcium silicate substrate having a density of (870 ± 50) Kg/m³, (11 ± 2) mm thick and Euroclase A2-s1d0, leaving a 40mm air gap between sample and substrate, according to client.

>>>



RESULTADOS / RESULTS

2.2 Descripción del producto según información aportada por el cliente

2.2 Product description according to customer information

Aplicación (uso final) <i>Application (final use)</i>	Revestimiento mural <i>Wall covering</i>
Composición <i>Composition</i>	Capa 1 / <i>Layer 1</i> : 100% Polyester
Gramaje <i>Weight</i>	Capa 1 / <i>Layer 1</i> : 1.9 kg/m ²
Densidad <i>Density</i>	Capa 1 / <i>Layer 1</i> : 210000 kg/m ³
Espesor <i>Thickness</i>	Capa 1 / <i>Layer 1</i> : 9 mm

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RESULTADOS / RESULTS

3. INFORMES Y RESULTADOS QUE APOYAN ESTA CLASIFICACIÓN

3. REPORTS AND RESULTS THAT SUSTAIN THIS CLASSIFICATION

3.1 Informes

3.1 Reports

Nombre laboratorio <i>Laboratory name</i>	Solicitante <i>Applicant</i>	Informe ensayo <i>Test report</i>	Método de ensayo y norma <i>Test method and standard</i>
AITEX	TEXDECOR	2020AN1528	EN ISO 11925-2:2010/AC:2011 CEN/TS 15117:2005*
AITEX	TEXDECOR	2020AN1528	EN 13823:2010+A1:2014 CEN/TS 15117:2005*

* Las reglas del campo de aplicación extendida tomadas de normas de producto y/o especificaciones técnicas no están incluidos en el alcance de la acreditación del laboratorio.

* Extended application rules taken from product standards and/or technical specifications are not included at laboratory accreditation scope.

3.2 Resultados

3.2 Results

Método <i>Test method</i>	Nº ensayos <i>Test numbers</i>	Parámetro <i>Parameter</i>	Medida <i>Measurement</i>	Cumplimiento <i>Complimented</i>
Acción directa de la llama pequeña <i>Direct impingement of small flame</i> EN ISO 11925-2	6	La llama alcanza los 150 mm <i>Flame spreads 150 mm</i>	NO NO	CUMPLE PASS
		Ignición del papel de filtro <i>Filter paper ignition</i>	NO NO	CUMPLE PASS
Único objeto ardiendo (SBI) <i>Single Burning Item (SBI)</i> EN 13823	3	FIGRA _{0,2 MJ} (W/s)	48,69	B
		FIGRA _{0,4 MJ} (W/s)	44,33	B
		THR _{600s MJ} (MJ)	3,15	B
		LFS	NO No	CUMPLE PASS
		SMOGR (m ² /s ²)	10,89	s1
		TSP _{600s} (m ²)	121,91	S2
		Gotas en llamas en 600s <i>Flaming droplets within 600s</i>	NO NO	d0

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RESULTADOS / RESULTS

4. CLASIFICACIÓN Y CAMPO DE APLICACIÓN EXTENDIDO

CLASSIFICATION AND EXTENDED FIELD OF APPLICATION

4.1 Clasificación

Classification

El producto, "**SlimPanel – Compact acoustic felt**", en relación a su comportamiento a la reacción frente al fuego se clasifica:

*The product, "**SlimPanel – Compact acoustic felt**", concerning its fire reaction, it is classified*

B

La clasificación adicional en relación con la producción de humo es:

Additional classification concerning smoke production is:

s2

La clasificación adicional en relación con la producción de gotas/partículas en llamas es:

Additional classification concerning falling of flaming droplets production is:

d0

Clasificación de la reacción al fuego:

Fire reaction classification

B – s2, d0

>>>



RESULTADOS / RESULTS

4.3 Campo de aplicación* *Field of application**

Esta clasificación es válida para los siguientes parámetros de producto:
This classification is valid for the following product parameters

Color <i>Colour</i>	El color, por sí mismo, y la sustancia colorante puede influir en el comportamiento frente al fuego de los productos cuando se ensayan de acuerdo con la Norma EN 13823, ya que un cambio de color puede modificar la capacidad de absorción de un producto. Si el cambio de composición es insignificante, la influencia también es insignificante. La naturaleza de la sustancia colorante también puede influir en el comportamiento frente al fuego. <i>Colour itself and colouring substance may influence the fire performance of products when tested according to EN 13823, because a change of colour may change the absorptivity of the product. If the change of composition is negligible, the influence is negligible. The nature of the colouring substance may also have an influence on the fire behaviour.</i>
Espesor <i>Thickness</i>	El espesor de un producto tendrá una determinada influencia sobre su comportamiento frente al fuego cuando el producto de ensaye de acuerdo con la Norma EN 13823 y EN ISO 11925-2. <i>The thickness of a product will have an influence on the fire performance when tested according to EN 13823 and EN ISO 11925-2.</i>
Densidad <i>Density</i>	La densidad de un producto tendrá una determinada influencia sobre su comportamiento frente al fuego cuando el producto de ensaye de acuerdo con la Norma EN 13823 y EN ISO 11925-2. <i>The density of a product will have an influence on the fire performance when tested according to EN 13823 and EN ISO 11925-2.</i>
Recubrimiento o revestimiento de la superficie <i>Surface covering or coating</i>	El recubrimiento o revestimiento de la superficie de un producto tendrá una determinada influencia sobre su comportamiento frente al fuego cuando el producto de ensaye de acuerdo con la Norma EN 13823 y EN ISO 11925-2. <i>The surface covering or coating of a product will have an influence on the fire performance when tested according to EN 13823 and EN ISO 11925-2.</i>
Composición <i>Composition</i>	La composición de un producto tendrá una determinada influencia sobre su comportamiento frente al fuego cuando el producto de ensaye de acuerdo con la Norma EN 13823 y EN ISO 11925-2. <i>The composition of a product will have an influence on the fire performance when tested according to EN 13823 and EN ISO 11925-2.</i>
Geometría y estructura del producto <i>Geometry and structure of product</i>	La geometría y estructura de un producto tendrá una determinada influencia sobre su comportamiento frente al fuego cuando el producto de ensaye de acuerdo con la Norma EN 13823 y EN ISO 11925-2. <i>The geometry and structure of a product will have an influence on the fire performance when tested according to EN 13823 and EN ISO 11925-2.</i>

5. LIMITACIONES *LIMITATIONS*

Esta norma de clasificación no representa una aprobación tipo o certificación del producto.
This classification document does not represent type approval or certification of the product.

///



Celia Dolça
Responsable Lab. Comportamiento al fuego
Head of Fire Behaviour lab.

CLAUSULAS DE RESPONSABILIDAD

- 1.- AITEX responde únicamente de los resultados sobre los métodos de análisis empleados, consignados en el informe y referidos exclusivamente a los materiales o muestras que se indican en el mismo y que queden en su poder, limitando a éstos la responsabilidad profesional y jurídica del Centro. Salvo mención expresa, las muestras han sido libremente elegidas y enviadas por el solicitante.
- 2.- AITEX no se hace responsable en ningún caso del mal uso de los materiales ensayados ni de la interpretación o uso indebido que pueda hacerse de este documento.
- 3.- La Oferta o Pedido a la que da conformidad el solicitante a través de firma y sello, constituye el Acuerdo Legalmente ejecutable en el que AITEX es responsable de salvaguardar y garantizar, la confidencialidad absoluta, de la gestión de toda la información obtenida o creada durante el desempeño de las actividades contratadas.
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- 5.- AITEX proporcionará a solicitud del interesado, el procedimiento de tratamiento de quejas.
- 6.- AITEX no se hace responsable de la información proporcionada por los clientes, que se refleja en el Informe, y pueda afectar a la validez de los resultados.
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- 9.- Cuando se solicite Declaración de Conformidad, de no indicarse lo contrario, se aplicará la regla de decisión según ILAC-G8 & ISO 10576-1 con caso de ambigüedad o indeterminación.
- 10.- Las incertidumbres de ensayos, que se explicitan en el Informe de resultados, se han estimado para una $k=2$ (95% de probabilidad de cobertura). En caso de no informarse, éstas se encuentran a disposición del cliente en AITEX.
- 11.- Los materiales originales, o muestras sobrantes no sometidas a ensayo, se conservarán en AITEX durante los DOCE MESES posteriores a la emisión del informe, por lo que toda comprobación o reclamación que, en su caso, deseará efectuar el solicitante, se deberá ejercer en el plazo indicado.
- 12.- Este informe sólo puede enviarse o entregarse en mano al solicitante o a la persona debidamente autorizada por él.
- 13.- Los resultados de los ensayos y la declaración de cumplimiento con la especificación en este informe se refieren solamente a la muestra de ensayo tal como ha sido analizada/ensayada y no a la muestra/ítem del cual se ha sacado la muestra de ensayo.
- 14.- El cliente debe prestar atención, en todo momento, las fechas de la realización de los ensayos.
- 15.- De acuerdo a la Resolución EA (33) 31, los informes de ensayo deben incluir la identificación única de la muestra pudiendo añadirse además cualquier marca o etiquetado del fabricante. No está permitido reemitir informes de ensayo de denominaciones de muestras (referencias) no ensayadas, sólo se pueden volver a reemitir para la corrección de errores o la inclusión de datos omitidos que ya estaban disponibles en el momento del ensayo. El laboratorio no puede asumir la responsabilidad por la que se declara que el producto con el nuevo nombre comercial / marca comercial es estrictamente idéntico al ensayado originalmente; esta responsabilidad es del cliente.

LIABILITY CLAUSES

- 1.- AITEX is liable only for the results of the methods of analysis used, as expressed in the report and referring exclusively to the materials or samples indicated in the same which are in its possession, the professional and legal liability of the Centre being limited to these. Unless otherwise stated, the samples were freely chosen and sent by the applicant.
- 2.- AITEX shall not be liable in any case of misuse of the test materials nor for undue interpretation or use of this document
- 3.- The Offer and / or Order to which the applicant gives approval through signature and seal, constitutes the Legally Executable Agreement in which AITEX is responsible for safeguarding and guaranteeing the absolute confidentiality of the management of all the information obtained or created during the performance of the contracted activities.
- 4.- In the eventuality of discrepancies between reports, a check to settle the same will be carried out in the head offices of AITEX. Also, the applicants undertake to notify AITEX of any complaint received by them as a result of the report, exempting this Centre from all liability if such is not done, the periods of conservation of the samples being taken into account.
- 5.- AITEX is not responsible for the information provided by customers, which is reflected in the Report, and may affect the validity of the results.
- 6.- AITEX will provide at the request of the person concerned, the treatment of complaints procedure.
- 7.- AITEX is not responsible for an inadequate state of the sample received that could compromise the validity of the results, expressing such circumstance, in the test reports.
- 8.- AITEX may include in its reports, analyses, results, etc., any other evaluation which it considers necessary, even when it has not been specifically requested.
- 9.- When a Declaration of Conformity is requested, if not indicated otherwise, the decision rule will be applied according to ILAC-G8 & ISO 10576-1, in case of ambiguity, or indeterminacy
- 10.- The uncertainties of tests, which are made explicit in the Results Report, have been estimated for a $k = 2$ (95% probability of coverage). If not informed, they are available to the client in AITEX.
- 11.- The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
- 12.- This report may only be sent or delivered by hand to the applicant or to a person duly authorised by the same.
- 13.- The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 14.- The client must attend at all times, to the dates of the realization of the tests.
- 15.- According to Resolution EA (33) 31, the test reports must include the unique identification of the sample, and any brand or label of the manufacturer may be added. It is not allowed to re-issue test reports of untested sample names (references), they can only be re-issued for error correction or inclusion of omitted data that were already available at the time of the test. The laboratory can not assume responsibility for declaring that the product with the new trade name / trademark is strictly identical to the one originally tested; This responsibility belongs to the client.

Test Report

No. SDFS2410006833FF

Date: Oct.25, 2024

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TEXDECOR

2 RUE D'HEM, 59780 WILLEMS, FRANCE

Sample Description: POLYESTER FIBER ACOUSTIC PANEL**Color:** WHITE**Thickness:** 24mm**Composition:** 100% POLYESTER FIBER (MINIMUM 60% POST-CONSUMER RECYCLED POLYESTER FIBER)**Density:** 3500 g/m²**Brand name:** Texdecor**Other information:** FAMILY PRODUCT: SLIMPANEL – SLIMWAL – SLIMCOLORL**Tested surface:** ONE SURFACE

The above data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion.

Sample Receiving Date: Oct.08, 2024**Test Performing Date:** Oct.08, 2024 to Oct.22, 2024**Test Requested:**

EN 13501-1:2018 Fire classification of construction products and building elements—Part 1: Classification using data from reaction to fire tests.

Test Results: -- See attached sheet --

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.

Ada

Scan to see the report



SDFS2410006833FF
Verification:
check.sgsnline.com.cn

Ada Liu
Approved signatory



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Test Report

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I. Test conducted

This test is conducted as per EN 13501-1:2018 Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests. And the test methods as following:

1. EN 13823:2020+A1:2022 Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.
2. EN ISO 11925-2:2020 Reaction to fire tests — Ignitability of products subjected to direct impingement of flame — Part 2: Single-flame source test.

II. Details of classified product

Sample Description	Board
Color	White
Thickness	24mm
Area density	3.27kg/m ²

Mounting and fixing:

Specimen that was free standing and had no substrate and with no ventilated cavity should be tested at a distance of at least 80 mm from the backing board. There was no joint between specimens.

III. Test results

Test methods	Parameter	Number of tests	Results
EN 13823	FIGRA _{0.2MJ} (W/s)	3	20.4
	FIGRA _{0.4MJ} (W/s)		20.4
	Whether lateral flame spread (LFS) to the edge of specimen (Yes/No)		No
	THR _{600s} (MJ)		1.0
	SMOGRA (m ² /s ²)		3.4
	TSP _{600s} (m ²)		14.5
	Flaming particles or droplets (Yes/No)		No
EN ISO 11925-2 Exposure = 30 s	Fs≤150mm within 60 s (Yes/No)	12	Yes
	Ignition of the filter paper (Yes/No)		No

Note:

FIGRA_{0.2MJ} - Fire growth rate index at THR threshold of 0,2 MJ [W/s]

FIGRA_{0.4MJ} - Fire growth rate index at THR threshold of 0,4 MJ [W/s]

THR_{600s} -Total heat release within 600 s [MJ]

SMOGRA - Smoke growth rate [m²/s²]

TSP_{600s}- Total smoke production within 600 s [m²]



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IV. Classification and field of application

a) Reference of classification

This classification has been carried out in accordance with **EN 13501-1:2018**.

b) Classification

The product, Polyester fiber acoustic panel (as described by the sponsor), in relation to its reaction to fire behaviour is classified:

Fire behaviour		Smoke production			Flaming droplets	
B	—	s	1	,	d	0

Reaction to fire classification: B—s1, d0

Remark: The classes with their corresponding fire performance are given in annex A.

c) Field of application

This classification is valid for the following product parameters:

--- Characteristics as described in section II of this test reports.

This classification is valid for the following end use applications:

--- Without any substrates

--- No joint

--- Free standing

Limitations

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

Warning:

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.

Statement:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.



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Test Report

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Annex A

Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products

Class	Test method(s)	Classification criteria	Additional classification
A1	EN ISO 1182 ^a and	$\Delta T \leq 30^{\circ}\text{C}$, and $\Delta m \leq 50\%$, and $t_f = 0$ (i.e. no sustained flaming)	-
	EN ISO 1716	$PCS \leq 2.0\text{MJ/kg}$ ^a and $PCS \leq 2.0\text{MJ/kg}$ ^{b c} and $PCS \leq 1.4\text{MJ/m}^2$ ^d and $PCS \leq 2.0\text{MJ/kg}$ ^e	-
A2	EN ISO 1182 ^a or	and $\Delta T \leq 50^{\circ}\text{C}$, and $\Delta m \leq 50\%$, and $t_f \leq 20\text{ s}$	-
	EN ISO 1716		-
	EN 13823	$FIGRA_{0.2\text{MJ}} \leq 120\text{W/s}$ and $LFS < \text{edge of specimen}$ and $THR_{600\text{s}} \leq 7.5\text{MJ}$	Smoke production ^f and Flaming droplets/particles ^g
B	EN 13823 and	$FIGRA_{0.2\text{MJ}} \leq 120\text{W/s}$ and $LFS < \text{edge of specimen}$ and $THR_{600\text{s}} \leq 7.5\text{MJ}$	Smoke production ^f and Flaming droplets/particles ^g
	EN ISO 11925-2 ⁱ Exposure = 30s	$F_s \leq 150\text{mm}$ within 60s	
C	EN 13823 and	$FIGRA_{0.4\text{MJ}} \leq 250\text{W/s}$ and $LFS < \text{edge of specimen}$ and $THR_{600\text{s}} \leq 15\text{MJ}$	Smoke production ^f and Flaming droplets/particles ^g
	EN ISO 11925-2 ⁱ Exposure = 30s	$F_s \leq 150\text{mm}$ within 60 s	
D	EN 13823 and	$FIGRA_{0.4\text{MJ}} \leq 750\text{W/s}$	Smoke production ^f and Flaming droplets/particles ^g
	EN ISO 11925-2 ⁱ Exposure = 30s	$F_s \leq 150\text{mm}$ within 60 s	
E	EN ISO 11925-2 ⁱ Exposure = 15s	$F_s \leq 150\text{mm}$ within 20 s	flaming droplets/particles ^h
F	EN ISO 11925-2 ⁱ Exposure = 15 s	$F_s > 150\text{mm}$ within 20 s	



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- ^a For homogeneous products and substantial components of non-homogeneous products.
- ^b For any external non-substantial component of non-homogeneous products.
- ^c Alternatively, any external non-substantial component having a PCS $\leq 2,0 \text{ MJ/m}^2$, provided that the product satisfies the following criteria of EN 13823: FIGRA $\leq 20 \text{ W/s}$, and LFS < edge of specimen, and THR_{600s} $\leq 4,0 \text{ MJ}$, and s1, and d0.
- ^d For any internal non-substantial component of non-homogeneous products.
- ^e For the product as a whole.
- ^f s1 = SMOGRA $\leq 30\text{m}^2/\text{s}^2$ and TSP_{600s} $\leq 50\text{m}^2$; s2 = SMOGRA $\leq 180\text{m}^2/\text{s}^2$ and TSP_{600s} $\leq 200\text{m}^2$; s3 = not s1 or s2
- ^g d0 = No flaming droplets/ particles in EN 13823 within 600 s;
d1 = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s;
d2 = not d0 or d1.
Ignition of the paper in EN ISO 11925-2 results in a d2 classification.
- ^h Pass = no ignition of the paper (no classification);
Fail = ignition of the paper (d2 classification).
- ⁱ Under conditions of surface flame attack and, if appropriate to the end-use application of the product, edge flame attack.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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