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Product name

Acoustic PET board

Classification report no:

RKS-5/06/2024

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27.08.2024

FIRE REACTION CLASSIFICATION according to EN 13501-1:2019

This classification report is four pages long and can only be used or reproduced in its entirety.

1 Introduction

This classification report specifies the classification awarded to acoustic PET board in accordance with EN 13501-1:2019 standard.

2. Details of the classified product

2.1 General provisions

Product: Acoustic PET board is specified as a finishing product for interior decoration and acoustic insulation.

2.2 Product description

The product, acoustic PET board, is described below or in the test reports on which the classification is based, listed in 3.1.

Product description:

Acoustic PET board in grey with a thickness of 9mm and a density of 1.9kg/m³.
Mechanically fixed material.

End use:

- acoustics
- interior decoration

3. Reports and results providing the basis for the classification

3.1 Reports

Laboratory name	Name of the patron	Report no.	Method and date of test
Fire-Lab Sp. z o.o.	NOECHO Sp. z o.o.	SBI-5/06/2024	PN-EN 13823+A1:2022-12 11.06.2024, 23.08.2024
Fire-Lab Sp. z o.o.	NOECHO Sp. z o.o.	MP-5/06/2024	PN-EN ISO 11925-2:2020 7.06.2024

3.2 Results

Test method and number	Parameter	Number of tests	Results	
			continuous parameter - mean value (m)	conformity with the parameter
PN-EN 13823+A1:2022-12 SBI-5/5/06/2024	FIGRA _{0,2MJ} [W/s]	3	79,38	(-)
	FIGRA _{0,4MJ} [W/s]		74,61	(-)
	LFS<edge		None	compliant
	THR _{600S} [MJ]		2,36	(-)
	SMOGRA [m ² /s ²]		11,42	(-)
	TSP _{600s} [m ²]		67,18	(-)

	Flaming droplets/particles		Not present	Compliant
PN-EN ISO 11925-2:2020 Surface exposure 30s MP-5/06/2024	$F_s \leq 150\text{mm}$	6	$F_s \leq 150\text{mm}$	compliant
	Flaming droplets/particles		Not present	compliant
PN-EN ISO 11925-2:2020 Edge exposure 30s MP-5/06/2024	$F_s \leq 150\text{mm}$	6	$F_s \leq 150\text{mm}$	compliant
	Flaming droplets/particles		Not present	compliant

4. Classification and scope of application

4.1 Appointment of classifications

The classification was determined in accordance with EN 13501-1:2019

4.2 Classification

The product: acoustic PET board in terms of reaction to fire, achieved a classification:

B

The product has been given an additional classification on account of its smoke emission

s2

Due to the presence of flaming droplets/particles, the product has been given an additional classification:

d0

The format of the classification in terms of reaction to fire for construction products, with the exception of flooring and linear products for thermal insulation of ducts, is as follows:

Classification in terms of reaction to fire: B-s2,d0

4.3 Scope of application

This classification is valid for the following product-defining parameters described in 2.2

5. Limitations

This classification document is not a technical approval or a product certificate.

The assigned classification remains valid as long as:

- The test method is not changed
- The product standard or technical approval is not changed
- No structural or material changes are made that affect the properties of the material tested.

SIGNED BY

Kierownik Laboratorium
M. Niedźwiecka
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