

Reaction to fire classification report

1. Introduction

This classification report determines the classification granted to *Felt Wallcovering with paper backing produced by Paweł Sumiński Fabryka Miękkich Ścian, ul. Głubczycka 37/3, 02-424 Warszawa* in accordance with the procedures indicated in the PN-EN 13501-1:2019-02 standard.



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Łukasiewicz Research Network - Institute of Ceramics and Building Materials has the status of notified body No. 1487 in the field of reaction to fire tests

FIRE REACTION CLASSIFICATION in accordance with PN-EN 13501-1:2019-02

Principal	<i>Paweł Sumiński Fabryka Miękkich Ścian ul. Głubczycka 37/3, 02-424 Warszawa</i>
Prepared by	<i>Łukasiewicz Research Network Institute of Ceramics and Building Materials Glass and Building Materials Division in Krakow 8 Cementowa St., 31-983 Krakow Department of Gypsum and Building Chemistry</i>
Notified body no.	1487
Name of the product	Felt Wallcovering with paper backing
Classification Report No.	KG-16/21/N
Release No.	1
Date of release	22.02.2021
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2. Detailed information about the classified product

2.1 General provisions

Product, Felt Wallcovering with paper backing is used as a decorative, acoustic wallcovering

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2.2 Product description

Product, *Felt Wallcovering with paper backing*, described below or stated in the reports or test reports, which are the basis for classification, listed in 3.1.

Product description

Felt Wallcovering with paper backing Composition: 90% wool, 10% polyamide Thickness: ca. 3,0 mm Surface mass ca. 550 g/m

3. Test reports and test results that form the basis for classification

3.1 Test results

Laboratory name	Principal's name	Test report No.	Test method
Łukasiewicz Research Network Department of Gypsum and Building Chemistry in Cracow	Paweł Sumiński Fabryka Miękkich Ścian ul. Głębzczycka 37/3, 02-424 Warszawa	22/21/KG/N	PN-EN 13823:2020
Łukasiewicz Research Network Department of Gypsum and Building Chemistry in Cracow	Paweł Sumiński Fabryka Miękkich Ścian ul. Głębzczycka 37/3, 02-424 Warszawa	23/21/KG/N	PN-EN ISO 11925-2:2020

3.2 Test results

Test method and test number	Parameter	Number of tests	Results	
			Continuous parameter - average value (m)	compliance with parameter
PN-EN 13823:2020 22/21/KG/N of 19.02.2021	FIGRA _{0,2MJ} [W/s]	3	568,2s	n/a
	FIGRA _{0,4MJ} [W/s]		587,20	n/a
	LFS < sample edges		n/a	Yes
	THR _{600s} [MJ]		2,5s	n/a
	SNOGRA [m ² /s ²]		0,00	n/a
	TLS _{600s} [m ²]		23,34	n/a
	Flaming droplets/particles		n/a	No
PN-EN ISO 11925-2:201 0 23/21/KG/N of 22.02.2021	F _s ≤ 150 mm in 60 s	12	n/a	Yes

4. Classification and its scope of application

4.1 Classification reference

The classification was determined in accordance with PN-EN 13501-1:2019-02

4.2 Classification

Product, *Felt Wallcovering with paper backing*, has received the following classification in terms of its reaction to fire:

D

Due to production of smoke, the product obtained additional classification:

s1

Due to production of flaming droplets/particles, the product obtained additional classification:

d0

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

Fire properties		Smoke production			Flaming droplets	
D	-	s	1	-	d	0

Classification in terms of reaction to fire: D-s1,d0

4.3 Scope of application

This classification is valid for the *Fluffo Felt Wallcoverings with paper backing manufactured by Paweł Sumiński Fabryka Miękkich Ścian, ul. Głubczycka 37/3, 02-424 Warsaw* described in section 2.2 of this classification report.

The classification applies to the system fixed to non-flammable substrates of reaction to fire classes A1 or A2-s1,d0, using adhesive mortars listed in the product description or using mechanical fasteners

This classification applies to the end uses in accordance with the technical requirements, which must be fulfilled by buildings and their location. In accordance with the ordinance of the Minister of Infrastructure of 12 April 2002, on technical conditions to be met by buildings and their location, together with subsequent changes, this rating corresponds to the product description of *Fluffo Felt Wallcovering with paper backing manufactured by Paweł Sumiński Fabryka Miękkich Ścian, ul. Głubczycka 37/3, 02-424 Warsaw*, **as flame retardant and non-dripping**.

5. Restrictions

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

This report becomes invalid if changes are made to the product or its manufacturing process, and if the factory production control system is significantly changed.

Specialist
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signature of person preparing the classification

signature of person approving the report