MPA NRW.
Materialprüfungsamt Nordrhein-Westfalen
PRÜFEN ÜBERWACHEN ZERTIFIZIEREN

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Report of the classification of the reaction to fire behaviour

No. 231002681-3-2
dated 17.02.2026

This classification report replaces the classification report no. 231002681-3 dated 12.02.2026.

Sponsor: Sandler AG
Lamitzmühle 1
95126 Schwarzenbach/Saale
GERMANY

Order: Reaction to fire classification according to DIN EN 13501-1

Date of order: 18.12.2025

Name of the classified building product:

Porous acoustic panels made from 100% polyester fibres called 'bluefiber mat', colour: black, nominal thicknesses: 20, 30, 40 and 50 mm

This report determines the classification of the above-mentioned building product in accordance with the method specified in DIN EN 13501-1.

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This classification report has 3 pages.

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egolf

1 Description of the building product

Porous acoustic panels with symmetrical cross-section made from 100% polyester fibres, intended for sound insulation in buildings.

Colour: black
Mixture number: 90.01093-0001

The collection consists of the following four product variants:

Item description	Weight per unit area	Thickness	Density (nominal values)
bluefiber mat 20, black	600 g/m²	20 mm	30 kg/m³
bluefiber mat 30, black	900 g/m²	30 mm	30 kg/m³
bluefiber mat 40, black	1200 g/m²	40 mm	30 kg/m³
bluefiber mat 50, black	1500 g/m²	50 mm	30 kg/m³

2 Test reports and test results which form the basis of the classification

2.1 Test reports

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	Sandler AG Lamitzmühle 1 95126 Schwarzenbach/Saale	231002681-1-2 dated 17.02.2026	**DIN EN 13823**
MPA NRW	Sandler AG Lamitzmühle 1 95126 Schwarzenbach/Saale	231002681-2 dated 12.02.2026	**DIN EN ISO 11925-2**

2.2 Test results

Test method	Number of tests	Parameter	Test results
DIN EN 13823	**16**	**$FIGRA_{0,2\ MJ}$ (W/s)**	**28**
		$FIGRA_{0,4\ MJ}$ (W/s)	**28**
		THR_{600s} (MJ)	**1.0**
		LFS	**< edge**
		SMOGRA (m^2/s^2)	**5**
		TSP_{600s} (m^2)	**22**
		Duration of production of flaming droplets / particles (s)	**0**

3 Classification and direct field of application

3.1 Reference

The classification was carried out in accordance with clauses 11 and 14.1 of the standard DIN EN 13501-1: 2019.

3.2 Classification

The classification assigned to the material with regard to its reaction to fire is: **B**

The additional classification with regard to smoke production is: **s1**

The additional classification with regard to flaming droplets / particles is: **d0**

This results in the following reaction to fire classification of the material:

Reaction to fire	Smoke production	Flaming droplets / particles
B	**s1**	**d0**

i.e. **B-s1, d0**

3.3 Field of application of the product

The classification is solely valid for the products described in clause 1 when it has a distance of at least 80 mm from the same or other building products with extensive surface.

The classification is not valid for joints between the individual panels.

4 Restrictions

This classification report does not replace any type approval or certification of the product.

This classification report written in English language is issued additionally to the report in German language with the same report number. In case of doubt, the German version is solely valid.

Erwitte, 17.02.2026

Materialprüfungsamt MPA NRW 34 Nordrhein-Westfalen

Dipl.-Ing. Kühnen
Head of the testing body

Date of issue of this English version: 17 February 2026