MPA NRW.
Materialprüfungsamt Nordrhein-Westfalen
PRÜFEN ÜBERWACHEN ZERTIFIZIEREN

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Report of the classification of the reaction to fire behaviour

No. 231002788-2
dated 10.08.2026

English version

Sponsor: Sandler AG
Lamitzmühle 1
95126 Schwarzenbach/Saale
GERMANY

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

Date of order: 06.05.2026

Name of the classified building product:

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

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

Colour: white
Mixture number: 90.01091-0002

The classification includes the following product variants from the collection:

Product name	Weight p. unit area	Thickness	Raw density (nominal values)
bluefiber mat 20, white	600 g/m²	20 mm	30 kg/m³
bluefiber mat 30, white	900 g/m²	30 mm	30 kg/m³
bluefiber mat 40, white	1200 g/m²	40 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	231002788-1 dated 10.08.2026	**DIN EN 13823**
MPA NRW	Sandler AG Lamitzmühle 1 95126 Schwarzenbach/Saale	231002789-2 dated 17.06.2026	**DIN EN ISO 11925-2**

2.2 Test results

Test method	Number of tests	Parameter	Test results
DIN EN 13823	**3**	**$FIGRA_{0,2\ MJ}$ (W/s)** **$FIGRA_{0,4\ MJ}$ (W/s)** **THR_{600s} (MJ)** **LFS**	**17** **17** **0.9** **< edge**
		SMOGRA (m^2/s^2) **TSP_{600s} (m^2)**	**3** **29**
		Duration of production of flaming droplets / particles (s)	**0**
DIN EN ISO 11925-2 **Flame impingement: 30 s**	**12**	**F_s (mm)** **Flaming droplets / particles**	**≤ 150** **no**

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 applies only for the products described in clause 1, with a distance of at least 80 mm to similar or other building products with extensive surface. The classification does not apply to joints between 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 written in German language with the same report number. In case of doubt, the German version is solely valid.

Erwitte, 10.08.2026

On behalf

Materialprüfungsamt MPA NRW 34 Nordrhein-Westfalen

Dipl.-Ing. Kühnen
(Head of the testing body)

Date of issue of this English version: 11 August 2026