

# Report of the classification of the reaction to fire behaviour

**No. 231001318-6 dated 11.08.2021**

English version

**Sponsor:** GEGGUS GmbH  
Höhefeldstraße 56-60  
76356 Weingarten

**Order:** Classification of the reaction to fire behaviour according to  
DIN EN 13501-1

**Date of order:** 02.07.2021

**Description / name of the classified building product:**

Aluminium profile mat Top Clean with rep 10 mm

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

## 1. Description of the building product

Entrance mat with the designation „aluminium profile mat TOP Clean with rep 10 mm“.

Total thickness:           appr. 23,2 mm  
 Thickness textile inlay:   appr. 10,2 mm  
 Profile width:             appr. 27,0 mm  
 Profile height:            appr. 18,0 mm  
 Profile interval:         appr. 7,0 mm  
 Weight per unit area:     appr. 13,34 kg/m<sup>2</sup>

## 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	Testing method
MPA NRW	GEGGUS GmbH Höhefeldstraße 56-60 76356 Weingarten	231001318-4 dated 10.08.2021	DIN EN ISO 9239-1
MPA NRW	GEGGUS GmbH Höhefeldstraße 56-60 76356 Weingarten	231001318-5 dated 10.08.2021	DIN EN ISO 11925-2

### 2.2 Test results

Testing method	Number of tests	Parameter	Test results
DIN EN ISO 9239-1	3	Critical heat flux (Chf/m <sup>2</sup> )	10,1
		Smoke production (% x min)	318
DIN EN ISO 11925-2 Flame impingement 15 s	6	F <sub>s</sub> (mm) Flaming droplets/particles	≤ 150 no

### 3. Classification and direct field of application

#### 3.1. Reference

The classification was carried out in accordance with sections 12 and 14.2 of the standard DIN EN 13501-1: 2019.

#### 3.2. Classification

With reference to its fire behaviour the material has been classified as: **B<sub>fl</sub>**

The additional classification regarding the smoke production is: **s1**

The additional classification regarding flaming droplets / particles is: **--**

Therefore the fire behaviour of the material is classified:

Fire behaviour	Smoke production	Flaming droplets/particles
<b>B<sub>fl</sub></b>	<b>s1</b>	<b>--</b>

i.e. **B<sub>fl</sub>-s1**

#### 3.3. Field of product application

The classification is solely valid for the building product described in section 1 applied as a horizontally laid floor covering - glued and unglued – on class A1 or A2-s1, d0 substrates in accordance with DIN EN 13501-1 (classification of the reaction to fire behaviour). These substrates must have a minimum thickness of ≥ 6 mm and a raw density of ≥ 1350 kg/m<sup>3</sup>.

### 4. Restrictions

This classification report does not replace a type approval or product certification.

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, 11.08.2021

On behalf  
 Head of the testing body



(Dipl.-Ing. Rademacher)



On behalf  
 Administrator



(Albat, B.Sc.)

Date of issue of this English version: 20.08.2021