

Report of the classification of the reaction to fire behaviour

No. 231001890-3.2 dated 18.07.2023

English version

Sponsor

Dreamscape, a division of Roysons Corporation
40 Vanderhoof Ave,
Rockaway, NJ 07866
United States of America

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

Date of order: 18.04.2023

Name of the classified building product:

Decorative wall covering in roll form according to EN 15102 with the designation
"Dreamscape 13oz, 300gsm TYPE I commercial wallcovering"

This report determines the classification of the above-mentioned building product in
accordance with the procedure specified in DIN EN 13501-1: 2019-05.

1 Description of the building product

Decorative wall covering in roll form according to EN 15102 with the designation
 "Dreamscape 13oz, 300gsm TYPE I commercial wallcovering"

Weight per unit area: approx. 340 g/m²

Thickness: approx. 0.38 mm

Colour: white

The wall covering is glued to the substrate with a maximum of 200 g/m² with the dispersion adhesive "BK 10" from „BN-International BV“.

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	Dreamscape, a division of Roysons Corporation 40 Vanderhoof Ave, Rockaway, NJ 07866 United States of America	23101890-1.2 dated 18.07.2023	DIN EN 13823
MPA NRW	Dreamscape, a division of Roysons Corporation 40 Vanderhoof Ave, Rockaway, NJ 07866 United States of America	23101890-2.2 dated 18.07.2023	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)	107
		FIGRA _{0,4 MJ} (W/s)	51
		THR _{600s} (MJ)	1.1
		LFS	< edge
		SMOGR _A (m ² /s ²)	14
		TSP _{600s} (m ²)	68
		Duration of production of flaming droplets / debris (s)	0
DIN EN ISO 11925-2	12	F _s (mm)	≤ 150
Flame impingement: 30 s		Flaming droplets / debris	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 13501-1:2019-05.

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: **s2**

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

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

Reaction to fire	Smoke production	Flaming droplets / debris
B	s2	d0

i.e. **B-s2, d0**

3.3 Field of application of the product

The classification is solely valid for the building product described in clause 1 on substrates that are in accordance with class A1 or A2-s1, d0 according to DIN EN 13501-1. These substrates must have a thickness of ≥ 11 mm and a raw density of ≥ 653 kg/m³. Substrates made of gypsum plasterboards are exempt from this rule.

For the absolutely necessary adhesion, the dispersion adhesive "BK 10" (Manufacturer: BN International) must be used with a maximum wet application quantity of 200 g/m². According to DIN EN 13501-1, clause 15, adhesives of the same type / the same basis may be used with the same application quantity.

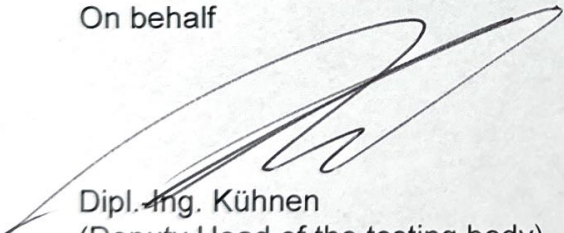
4 Restrictions

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, 18.07.2023

On behalf


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




Dipl.-Ing. Olaf Rickert

Date of issue of this English version: 24 July 2023