

Report of the classification of the reaction to fire behaviour

No. 231001968-3 dated 02.11.2023

English version

Sponsor

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

Order: Classification of the reaction to fire behaviour in accordance with
DIN EN 13501-1

Date of order: 12.07.2023

Description / name of the classified building product:

Decorative wall covering in the form of a roll in accordance with EN 15102 with the
denomination

"Duralon 20oz, 457 gsm Type II commercial wallcovering"

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

1 Description of the building product

Decorative wall covering in the form of a roll in accordance with EN 15102 with the denomination

"Duralon 20oz, 457 gsm Type II commercial wall covering"

Nominal weight per unit area: 453 g/m²
 Thickness (depending on the texture): 0,432 – 0,686 mm
 Colour: white

The wall covering is glued to the substrate using a maximum of 200 g/m² of the dispersion adhesive "BK 10" by 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	Testing method
MPA NRW	Dreamscape, a division of Roysons Corporation 40 Vanderhoof Ave, Rockaway, NJ 07866 United States of America	231001968-1 dated 02.11.2023	DIN EN 13823
MPA NRW	Dreamscape, a division of Roysons Corporation 40 Vanderhoof Ave, Rockaway, NJ 07866 United States of America	231001968-2 dated 02.11.2023	DIN EN ISO 11925-2

2.2 Test results

Test procedure	Number of tests	Parameter	Test results
DIN EN 13823	3	FIGRA _{0,2 MJ} (W/s)	162
		FIGRA _{0,4 MJ} (W/s)	159
		THR _{600s} (MJ)	4,1
		LFS	< edge
		SMOGR (m ² /s ²)	6
		TSP _{600s} (m ²)	35
		Duration of flaming droplets/particles (s)	0
DIN EN ISO 11925-2	12	F _s (mm)	≤ 150
Flame impingement: 30 s		Flaming droplets/particles	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 tested material in relation to its fire behaviour is classified as: **C**

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

The additional classification regarding flaming droplets / particles is: **d0**

This results in a classification of the reaction to fire behaviour of the tested material:

Fire behaviour	Smoke production	Flaming droplets/particles
C	s1	d0

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

3.3 Field of product application

The classification is solely valid for the building product described in clause 1 on substrates corresponding to classes A1 or A2-s1, d0 in accordance with DIN EN 13501-1. These substrates must have a thickness of ≥ 11 mm and a raw density of ≥ 653 kg/m³. Gypsum board substrates are exempt from this regulation.

For the mandatory glueing the adhesive "BK 10" (manufacturer BN International) must be used with a maximum wet application rate of 200 g/m². In accordance with DIN EN 13501-1, clause 15 adhesives of the same type / the same basis may be used with the same application rate.

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. This classification report is only valid in combination with the German version of the report.

Erwitte, 02.11.2023

On behalf

i.v. K 08/11/23

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



07/11/23

Dipl.-Ing. Olaf Rickert
 (Administrator)

Date of issue of this English version: 07.11.2023