

Report of the classification of the reaction to fire behaviour

No. 231002538-3
dated 22.07.2025

English version

Sponsor: ORAFOL Europe GmbH
Orafolstr. 1
16515 Oranienburg

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

Date of order: 13.03.2025

Name of the classified building product:

Self-adhesive PVC decorative glass film „ORACAL® 8410“

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

1 Description of the building product

Self-adhesive PVC decorative glass film „ORACAL® 8410“

Thickness of the film + adhesive: 90 µm
 Weight per unit area of the film + adhesive: 109 g/m²
 Colour of the films: light grey, transparent

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	ORAFOL Europe GmbH Orafolstr. 1 16515 Oranienburg	231002538-1 dated 22.07.2025	DIN EN 13823
MPA NRW	ORAFOL Europe GmbH Orafolstr. 1 16515 Oranienburg	231002538-2 dated 22.07.2025	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)	0
		FIGRA_{0,4 MJ} (W/s)	0
		THR_{600s} (MJ)	0,3
		LFS	< edge
DIN EN 13823	3	SMOGRA (m²/s²)	0
		TSP_{600s} (m²)	17
DIN EN 13823	3	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 the clauses 11 and 14.1 of the standard DIN EN 13501-1: 2019.

3.2 Classification

The tested material in relation to its fire behaviour is classified as: **B**

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
B	s1	d0

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

3.3 Field of product application

The classification is solely valid for the building product described in clause 1, glued to a glass substrate. It is also only valid if the product composition is identical to that of the products tested to form the basis of this classification.

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, 22.07.2025
 On behalf

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



Date of issue of this English version: 30.07.2025