

# **Report of the classification of the reaction to fire behaviour**

**No. 231002198-3**  
**dated 10.09.2024**  
**English version**

**Sponsor:**

SOIF Europe GmbH  
Bernerstraße 107

60437 Frankfurt

**Order:** Classification of the reaction to fire behaviour according to  
DIN EN 13501-1:2019-05

**Dates of order:** 03.04.2024 and 15.04.2024

**Notified body no.:** 0432

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

PVC self-adhesive film as a wall covering in accordance with EN 15102 with the denomination  
"Interior Folien SOIF"

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

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of the content and the form of the report.

This classification report consists of 3 pages.

## 1 Description of the building product

PVC self-adhesive film as a wall covering in accordance with EN 15102 with the denomination "Interior Folien SOIF"

Weight per unit area of the film without adhesive: 260 g/m<sup>2</sup>  
Total weight per unit area: 285 g/m<sup>2</sup>  
Total thickness: 0,24 mm  
Print: solvent-based

## 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	SOIF Europe GmbH	231002198-1 dated 10.09.24 231002198-2 dated 10.09.24	DIN EN ISO 11925 – 2 DIN EN 13823

### 2.2 Test results

The test results listed below form the basis of the classification. The test reports listed in clause 2.1 contain the results of further tests which were carried out to determine the most unfavourable variants regarding the reaction to fire behaviour.

Test procedure	Parameter	Number of tests	Test results	
			Average value continuous parameter	Requirements discrete parameter
DIN EN ISO 11925-2 30 s flame impingement	Flame spread ≤150 mm Flaming droplets/particles	24	--	yes no
DIN EN 13823	FIGRA <sub>0.2</sub> in W/s	5	74	--
	FIGRA <sub>0.4</sub> in W/s		10	--
	THR <sub>600s</sub> in MJ		1,2	--
	LFS <sub>edge</sub>		--	< edge
	SMOGR <sub>A</sub> in m <sup>2</sup> /s <sup>2</sup>		36	--
	TSP <sub>600s</sub> in m <sup>2</sup>		59	--
	Duration of flaming dripping / dropping in s		0	--

### 3 Classification and direct field of application

#### 3.1 Reference

The classification was carried out in accordance with clauses 11 and 14 of the standard DIN EN 13501-1:2019-05.

#### 3.2 Classification

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

The additional classification regarding the smoke production is: **s2**

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>B</b>	<b>s2</b>	<b>d0</b>

i.e. **B – s2, d0**

#### 3.3 Field of product application

The classification is solely valid for the product described in clause 1 for the use on gypsum board substrates as well as substrates of euro class A1 or A2-s1, d0 with a raw density of  $\geq 525 \text{ kg/m}^3$  and a thickness of  $\geq 12 \text{ mm}$  used in practical application.

### 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, 10.09.2024  
On behalf

Dipl.-Ing. Kühnen  
Deputy head of the testing body



Dipl.-Ing. Jung  
Administrator

Date of issue of this English version: 17.09.2024