

Test laboratory for the fire behavior of building materials, Dipl.-Ing. (FH) Andreas Hoch
Testing, supervising and certifying body, authorized by the building supervision authority

TEST REPORT PZ-Hoch-200517

for the proof of Fire behavior according to DIN 4102, part 1

Translation of the German test report – no guarantee for translation of technical terms

representative	CONTINENTAL GRAFIX AG Lettenstraße 2 CH-6343 Rotkreuz
description of samples	white selfadhesive film consisting of Vinyl
name of the material	„MyFloorFilm“
sampling	by the company itself
content of request	Proof of flammability to classify building materials to class B1 “schwerentflammbar” according to DIN 4102, part 1
validity of test report	31.05.2025
result	The examined product meets the requirements of class B1 for “schwerentflammbare” (hardly flammable) building materials according to DIN 4102, part 1 (May 1998) , <ul style="list-style-type: none">• if glued on metallic substrates with a density of $\geq 2.025 \text{ kg/m}^3$, a melting point of $\geq 500^\circ\text{C}$ and a thickness of $\geq 0,8\text{mm}$• if glued on metallic substrates with a density of $\geq 5.890 \text{ kg/m}^3$, a melting point of $\geq 1000^\circ\text{C}$ and a thickness of $\geq 0,6\text{mm}$

This test report includes 4 pages and 5 enclosures.

Remark: If the above mentioned building material is not used as product according to MBO § 2, Abs. 9, Ziffer1, there is no need for a general building supervisory test report.

This test report is not valid if the examined building material is used as product in the meaning of state building prescriptions (MBO § 17, Abs. 3).

This test report does not replace an eventually necessary proof of applicability concerning building supervisory or building laws in the meaning of state building prescriptions. This has to be verified by:

- „allgemeine bauaufsichtliche Zulassung“ (general building inspectorate approval) or by
- „allgemeines bauaufsichtliches Prüfzeugnis“ (general building inspectorate certificate) or by
- „Zustimmung im Einzelfall“ (exceptional approval)

This test report can underlie building supervisory procedures

- for regular building products for the prescribed proofs of conformity
- for non regular building products for the needed proofs of applicability.

This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.

1. Description of test material in condition as delivered

PN31251 and PN 31418 (additional delivery):

“MyFloorFilm” -white selfadhesive film consisting of Vinyl-
side A: front, white / side B: back, grey

characteristic values determined by the test laboratory:

whole thickness: about 0,25 mm / whole area weight: about 286 g/m²

thickness of selfadhesive film: about 0,12 mm

area weight of selfadhesive film: about 171 g/m²

The testing laboratory is not provided with further details concerning composition of the tested building materials. Samples are deposited.

2. Preparation of samples

The samples were kept in climate chamber 23/50 until they reached constant weight.
The film was glued on aluminium panels with a thickness of about 1,0 mm, according to
DIN 4102-16: 2015-09, point 4.4, d, II.

3. Arrangement of samples - freely suspended -

#3546 flaming in machine direction
#3576 flaming in transverse direction
#3582 flaming in transverse direction
#3583 flaming in transverse direction

4. Date of test CW 21 until CW 23 in 2020

5. Results The test has been examined according to DIN 4102 (Mai 1998)

line no.	Measurement	Result with the tested specimen				Dim.
		#3546	#3576	#3582	#3583	
	Test number	#3546	#3576	#3582	#3583	
	flaming direction	machine	transv.	transv.	transv.	
1	Number of specimen arrangement acc. to. DIN 4102/T15, schedule 1	7	7	7	7	
2	Maximum flame height above bottom edge of the specimen	80	70	80	80	cm
3	Time ¹⁾	0:44	0:43/1:17	0:49	0:38	min:s
4	Burn through / melting (foam) Time ¹⁾	./.	./.	./.	./.	min:s
5	Observations on the back side of the specimen Flames / Glowing Time ¹⁾	---	---	---	---	min:s
6	Change of color Time ¹⁾	---	---	---	---	min:s
7	Falling of burning droplets Start ¹⁾	---	---	---	---	min:s
8	Extent sporadic falling of burning droplets ²⁾	---	---	---	---	
9	continuous falling of burning droplets ²⁾	---	---	---	---	min:s
10	Falling of burning droplets Start ¹⁾	./.	./.	./.	./.	min:s
11	Extent sporadic falling of burning droplets ²⁾	./.	./.	./.	./.	
12	continuous falling of burning droplets ²⁾	./.	./.	./.	./.	