

Report of the classification of the reaction to fire performance

No. 231000651-3

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English version

Sponsor

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Order

Classification of the reaction to fire performance according to DIN EN 13501-1:2019-05

Date of order: 28.01.2020

Identification number of the notified testing institute: 0432

Name of the classified product:

Monomeric PVC-self-adhesive foils „POLI-LUX 700 Transparent Gloss P“, „POLI-LUX 705 Transparent Matt P“, „POLI-PRINT 800 White Gloss P“, „POLI-PRINT 805 White Matt P“, „POLI-PRINT 810 Transparent Gloss P“, „POLI-PRINT 815 Transparent Matt P“, „POLI-PRINT 820 White Gloss PG“, „POLI-PRINT 825 White Matt PG“, „POLI-PRINT 830 White Gloss RG“, „POLI-PRINT 835 White Matt RG“, „POLI-PRINT 900 White Gloss P“, „POLI-PRINT 905 White Matt P“, „POLI-PRINT 920 White Gloss PG“, „POLI-PRINT 925 White Matt PG“, „POLI-PRINT 930 White Gloss R“, „POLI-PRINT 935 White Matt R“, „POLI-PRINT 982 HOV White Gloss P Air Free“, „POLI-PRINT 990 White Gloss RG“ and „POLI-PRINT 995 White Matt RG“

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

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This classification report consists of 4 pages.

1 Description of the building product

Monomeric PVC-self-adhesive foils of the following variants:

a) „POLI-LUX 700 Transparent Gloss P“, „POLI-LUX 705 Transparent Matt P“, „POLI-PRINT 810 Transparent Gloss P“ and „POLI-PRINT 815 Transparent Matt P“

Transparent films made of a calendered PVC with a self-adhesive coating on basis of acrylate on the backside

Thickness of the films: 80 µm

Gloss level of the films: matt resp. glossy

Colour of the adhesive: transparent

b) „POLI-PRINT 800 White Gloss P“, „POLI-PRINT 805 White Matt P“, „POLI-PRINT 820 White Gloss PG“, „POLI-PRINT 825 White Matt PG“, „POLI-PRINT 830 White Gloss RG“ and „POLI-PRINT 835 White Matt RG“

White films made of a calendered PVC with a self-adhesive coating on basis of acrylate on the backside

Thickness of the films: 80 µm

Gloss level of the films: matt resp. glossy

Colour of the adhesive: transparent resp. grey

c) „POLI-PRINT 900 White Gloss P“, „POLI-PRINT 905 White Matt P“, „POLI-PRINT 920 White Gloss PG“, „POLI-PRINT 925 White Matt PG“, „POLI-PRINT 930 White Gloss R“, „POLI-PRINT 935 White Matt R“ and „POLI-PRINT 982 HOV White Gloss P Air Free“

White films made of a calendered PVC with a self-adhesive coating on basis of acrylate on the backside

Thickness of the films: 100 µm

Gloss level of the films: matt resp. glossy

Colour of the adhesive: transparent resp. grey

d) „POLI-PRINT 990 White Gloss RG“ and „POLI-PRINT 995 White Matt RG“

White films made of a calendered PVC with a self-adhesive coating on basis of acrylate on the backside

Thickness of the films: 120 µm

Gloss level of the films: matt resp. glossy

Colour of the adhesive: grey

2. Test reports and test results supporting the classification

2.1 Test reports

Name of the test laboratory	Sponsor	No. of the test report	Test procedure
MPA NRW	POLI-TAPE Group Poli-Tape Klebefolien GmbH	231000651-1 of 20.03.20 231000651-2 of 20.03.20	DIN EN ISO 11925 – 2 DIN EN 13823

2.2 Test results

The following test results are the basis of the classification

Test method	Parameter	Number of tests performed	Test results	
			Average values of continuously parameter	Requirements of discrete parameter
DIN EN ISO 11925-2 30 s flaming time	Flamespread ≤ 150 mm	60	--	yes
	Burning droplets/particles			no
DIN EN 13823	FIGRA _{0,2} in W/s	7	67	--
	FIGRA _{0,4} in W/s		4	--
	THR _{600s} in MJ		1,3	--
	LFS _{edge}		--	< edge
	SMOGRA in m ² /s ²		13	--
	TSP _{600s} in m ²		44	--
	Duration of burning droplets/particles in s		0	--

3. Classification and direct field of application

3.1 Reference

This classification was carried out in accordance to the clauses 11 and 14 of the standard DIN EN 13501-1:2010-01.

3.2 Classification

The tested building product in relation to its reaction to fire behaviour is classified as: **B**

The additional classification in relation to smoke production is: **s1**

The additional classification in relation to flaming droplets/particles is: **d0**

The classification of the reaction to fire performance is therefore:

Fire behaviour	Smoke development	Flaming droplets
B	s1	d0

i. e. **B – s1,d0**

3.3 Field of application of the product

The classification is valid solely for the product described in clause 1 for the application on metallic substrates of the Euroclasses A1 or A2-s1,d0 with a density of $\geq 5887.5 \text{ kg/m}^3$, a thickness of $\geq 0.6 \text{ mm}$ and a melting point of $\geq 1000 \text{ °C}$.

4. Restrictions

This classification report does not represent type approval or certification of the product.

5. Remark

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 valid solely.

Erwitte, 20.03.2020

On behalf



Dipl.-Ing. Schreiner

Assistant Head of notified testing body



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