MPA NRW.
Materialprüfungsamt Nordrhein-Westfalen
PRÜFEN · ÜBERWACHEN · ZERTIFIZIEREN

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Report of the classification of the reaction to fire behaviour

No. 231002450-2-2
dated 08.12.2025

This report replaces the report no. 231002450-2 dated 19.11.2025, which is hereby rendered invalid.

English version

Sponsor *): IGEPA group GmbH & Co. KG
Heidenkampsweg 74-76

20097 Hamburg

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

Date of order: 07.04.2025

Notified body no.: 0432

Type and name of the classified building product *):

Monomeric PVC-self-adhesive films
„MasterGuard Basic+ G", „MasterGuard Basic+ SG" „MasterGuard Basic+ M",
„MasterJet S 300+ weiß", „MasterJet S 300M+ weiß", „MasterJet S 310+ weiß",
„MasterJet S 310M+ weiß", „MasterJet S 333+ Promotion",
„MasterJet S 312+ opak" and „MasterJet S 312M+ opak"

This report determines the classification of the above mentioned building product in accordance with the procedure specified in DIN EN 13501-1: 2010-01.

*) The product was submitted for testing by a different sponsor and under a different denomination. The corresponding information is on file at MPA NRW.

 This classification report consists of 4 pages.

1 Description of the building product

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

a) „MasterGuard Basic+ G", „MasterGuard Basic+ SG" and „MasterGuard Basic+ M"

Transparent films made of calendered PVC with an acrylate-based adhesive coating on the rear side
Thickness: 80 µm
Gloss grade of the films: matte or silky glossy or glossy
Colour of the adhesive: transparent

b) did not occur

c) „MasterJet S 300+ weiß", „MasterJet S 300M+ weiß", „MasterJet S 310+ weiß" and „MasterJet S 310M+ weiß"

White films made of calendered PVC with an acrylate-based adhesive coating on the rear side
Thickness of the films: 100 µm
Gloss grade of the films: matte or glossy
Colour of the adhesive: transparent or grey

d) „MasterJet S 312+ opak" and „MasterJet S 312M+ opak" and „MasterJet S 333+ Promotion"

White films made of calendered PVC with an acrylate-based adhesive coating on the rear side
Thickness of the films: 120 µm
Gloss grade of the films: matte or glossy
Colour of the adhesive: grey

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	Information regarding the sponsor is on file at MPA NRW	231000651-1 dated 20.03.20 231000651-2 dated 20.03.20	**DIN EN ISO 11925 – 2** **DIN EN 13823**

2.2 Test results

The test results listed below form the basis of the classification.

Test method	Parameter	Number of tests	Test results	
			Average of continuous parameter	Requirements discrete parameter
DIN EN ISO 11925-2 30 s Flame impingement	Flame spread ≤150 mm Flaming droplets/particles	60	--	yes 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 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 13501-1:2010-01.

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 the dripping/dropping of particles is: **d0**

This results in the classification of the tested building material:

Fire behaviour	Smoke production	Flaming dripping/dropping
B	**s1**	**d0**

i.e. ***B – s1, d0***

3.3 Field of product application

The classification is solely valid for the products described in clause 1 for the application on metallic substrates of Euro class A1 or A2-s1, d0 with a raw density of ≥ 5887,5 kg/m³, a thickness of ≥ 0,6 mm and a melting point of ≥ 1000 °C.

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, 08.12.2025

On behalf

Dipl.-Ing. Kühnen
Head of the testing body

Materialprüfungsamt MPA NRW 32 Nordrhein-Westfalen

Dipl.-Ing. Jung
Administrator

Date of issue of this English version: 08.12.2025