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Product name

Protect 140 PP Gravel Plus

Classification report No.

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Issue number

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CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2019

This classification report consists of four pages and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to Protect 140 PP Gravel Plus in accordance with the procedures given in EN 13501-1:2019.

2. Details of classified product

2.1 General

The following product Protect 140 PP Gravel Plus is defined as decoration and aesthetics, trade fairs and store fixtured and advertising.

2.2 Product description

The product, Protect 140 PP Gravel Plus is described below or is described in the reports provided in support of classification listed in 3.1.

Product description (information below delivered by the sponsor):
 Transparent polypropylene film with structured surface and waterbased acrylic adhesive on back "Protect 140 PP Gravel Plus" with total thickness approx. 140 µm.
 The foil consists of:
 - transparent ,polypropylene film about thickness 120 µm
 - acrylic adhesive about thickness 25 µm
 Specimen tested on gypsum board substrate either sticked with adhesive layer.

3. Reports and results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date
Fire-Lab sp z o.o.	com2C GmbH & co. KG	SBI-6/01/2025	PN-EN 13823+A1:2022-12 16.01.2025
Fire-Lab sp z o.o.	com2C GmbH & co. KG	MP-4/01/2025	PN-EN ISO 11925-2:2020 16.01.2025

3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
PN-EN 13823+A1:2022-12 SBI-6/01/2025	FIGRA _{0,2M} [W/s]	3	180,99	(-)
	FIGRA _{0,4M} [W/s]		177,58	(-)
	LFS < edge		None	Compliant
	THR _{600s} [MJ]		2,88	(-)
	SMOGR [m ² /s ²]		7,00	(-)
	TSP _{600s} [m ²]		46,40	(-)
	Flaming droplets/particles		None	Compliant

PN-EN ISO 11925-2:2020 Surface exposure 30s MP-4/01/2025	$F_s \leq 150\text{mm}$	6	$F_s < 150\text{mm}$	Compliant
	Flaming droplets/particles		None	Compliant
PN-EN ISO 11925-2:2020 Edge exposure 30s MP-4/01/2025	$F_s \leq 150\text{mm}$	6	$F_s < 150\text{mm}$	Compliant
	Flaming droplets/particles		None	Compliant

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2019

4.2 Classification

Products, Protect 140 PP Gravel Plus in relation to its reaction to fire behavior is classified:

C

The additional classification in relations to smoke production is:

s1

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

d0

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Reaction to fire classification: C-s1,d0

4.3 Field of application

This classification is valid for the following parameters defining the product described in point 2.2.

5. Limitations

This classification document does not represent type approval or certification of the product. The assigned classification remains valid as long as:

- The test method will not be changed.
- The product standard or technical approval will not be changed.

- There will be no structural or material changes influencing the properties of the tested material.

SIGNED

APPROVED

signature of person undertaking classification

signature of person authorizing this report