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Product name
Protect 250 glass clear glossy/matt SoftTouch

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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 group of products Protect 250 glass clear glossy/matt SoftTouch used as clear, hardcoated PET film with adhesive for indoor decoration purpose (in accordance with the procedures given in EN 13501-1:2019).

2. Details of classified product

2.1 General

The following group of products Protect 250 glass clear glossy/matt SoftTouch used as clear, hardcoated PET film with adhesive for indoor decoration purpose.

2.2 Product description

Group of products, Protect 250 glass clear glossy/matt SoftTouch, is described below or is described in the reports provided in support of classification listed in 3.1.

Product description:
Protect 250 glass clear glossy/matt SoftTouch with different finishing, described as clear, hardcoated PET film with adhesive and consisting of 2-layer construction (beside removable elements):

- PET film – 250 µm;
- Transparent Acrylic adhesive - 28 µm;
- PE protection - 40 µm only for Protect 250 glass clear plus – proctection peeled off before tests;
- PET Liner 20 µm which were peeled off before performing tests.

The difference in glass clear and glass matt SoftTouch is not in composition of ingridients but in calendering.
Tests were performed on each kind of material, differences in results were not noticed.
Specimen tested on gypsum board substrate.

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-19/10/2023	PN-EN 13823+A1:2022-12 27.10.2023
Fire-Lab sp z o.o.	com2C GmbH & co. KG	MP-15/10/2023	PN-EN ISO 11925-2:2020 30.10.2023

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-19/10/2023	$FIGRA_{0,2MJ}$ [W/s]	3	288,46	Not applicable
	$FIGRA_{0,4MJ}$ [W/s]		288,46	Compliant
	LFS < edge		None	Compliant
	THR_{600s} [MJ]		3,01	Compliant
	SMOGRA [m^2/s^2]		17,49	Compliant
	TSP_{600s} [m^2]		53,38	Compliant
	Flaming droplets/particles		None	Compliant

PN-EN ISO 11925-2:2020 Surface exposure 30s MP-15/10/2023	F_s ≤150mm	6	F_s < 150mm	Compliant
	Flaming droplets/particles		None	Compliant
PN-EN ISO 11925-2:2020 Edge exposure 30s MP-15/10/2023	F_s ≤150mm	6	F_s < 150mm	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

Group of products, Protect 250 glass clear glossy/matt SoftTouch in relation to its reaction to fire behavior is classified:

D

The additional classification in relations to smoke production is:

s2

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: D-s2, 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