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CLASSIFICATION OF REACTION TO FIRE ACCORDANCE WITH EN 13501-1:2018

1. Introduction

This classification report defines the classification assigned to Induline GW-310 deep black in accordance with the procedures in EN 13501-1:2018.

Sponsor:	Remmers GmbH Bernhard-Remmers-Straße 13 49624 Löningen, Germany
Prepared by:	SYCHTA LABORATORIUM Sp. J. Laboratorium Badań Palności Materiałów ul. Ofiar Stutthofu 90 72-010 Police, Poland
Notified Body No:	-
Product name:	Induline GW-310 deep black
Classification report No:	SL/Z-082/EN13501/0062a/2023
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2. Details of classified product

2.1. General

The product, Induline GW-310 deep black

2.2. Product description

The product, Induline GW-310 deep black, is described below or is described in the reports provided in support of classification listed in 3.1

334300 Induline GW-310 deep black
Coating: 197-216mL/m² in two applications
Carrier material: flame resistant MDF board (B-s1, d0, 19mm thick)

3. Reports and results in suport of this classification

3.1. Specific conditions

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3.2. Reports

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date Field of application rules and date
Sychta Laboratorium	Remmers GmbH	SL/Z-082/EN13823/0061a/2023	PN-EN ISO 13823 PN-EN ISO 11925-2 06.02 and 08.02.2023

3.3. Results

Test method and test number	Parameter	No. Tests [a]	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN-EN 13823	FIGRA, $W \cdot s^{-1}$	3	218	(-)
	THR_{600s}, MJ		5,6	(-)
	LFS < edge		(-)	Compliant
	SMOGRA, $m^2 \cdot s^{-2}$		0	(-)
	TSP600s, m^2		21	(-)
	Flaming particles or droplets, time s		(-)	Compliant
PN-EN ISO 11925-2 Exposure time 30 s	Flame spread > 150 mm in 60 s, mm	6	(-)	Compliant
	Ignition of paper		(-)	Compliant

[a] Not for extended application, (-): not applicable

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

4.2. Classification

The product, Induline GW-310 deep black, in relations to its reaction to fire behaviour is classified:

C

The additional classification in relations to smoke production is:

s1

The additional classification in relations 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:

Fire behaviour		Smoke production			Flaming droplets	
C	**-**	**s**	**1**	**,**	**d**	**0**

Reaction to fire classification: C-s1,d0

4.3. Field of application

This classification is valid for the following product parameters:

- wall panels approx. 19,0 mm thick
- weight per unit area 14,5 kg/m^2
- density about 760 kg/m^3
- black colour

The classification is valid for the following end use applications:

This classification applies to material applied on MDF panels flame-retardant Euroclass B, according to DIN EN 13501 B-s1, d0 CE according to EN 13966 E1.

5. Limitations

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

Signature of person undertaking classification:

dr inż. Krzysztof Sychta

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