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**Product name**

Blockout LUVESS SM W

**Classification report No.**

RKS-29/02/2024

**Issue number**

Issue no. 1

**Date of issue**

12.03.2024

## **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 Blockout LUVESS SM W in accordance with the procedures given in EN 13501-1:2019.

## 2. Details of classified product

### 2.1 General

The following product Blockout LUVESS SM W film with adhesive for indoor decoration purpose.

### 2.2 Product description

The product, Blockout LUVESS SM W is described below or is described in the reports provided in support of classification listed in 3.1.

<p><b>Product description:</b> Blockout LUVESS SM W with adhesive or without, is described as opaque film compound made of PET and PP film with IRC coating of layers construction (beside removable elements):</p> <ul style="list-style-type: none"> <li>- Ink Receptive Coating – 25 µm;</li> <li>- Two BOPP film white layers - 80 µm;</li> <li>- Clear PET film 175-250 µm;</li> <li>- Two black blackout layers about 5 µm;</li> <li>- Adhesive version has layer of Transparent Acrylic adhesive about 25 µm;</li> <li>- PET Liner 20 µm which were peeled off before performing tests.</li> </ul> <p>Tests were performed on two thicknesses of material, with and without adhesive, differences in results were not noticed. Specimen tested on gypsum board substrate either stucked with adhesive layer or with metal staples on borders of wings/specimens.</p>
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## 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-29/02/2024	PN-EN 13823+A1:2022-12 28.02.2024
Fire-Lab sp z o.o.	com2C GmbH & co. KG	SBI-30/02/2024	PN-EN 13823+A1:2022-12 29.02.2024
Fire-Lab sp z o.o.	com2C GmbH & co. KG	MP-13/02/2024	PN-EN ISO 11925-2:2020 28.02.2024
Fire-Lab sp z o.o.	com2C GmbH & co. KG	MP-14/02/2024	PN-EN ISO 11925-2:2020 28.02.2024

### 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-29/02/2024 Without adhesive	FIGRA <sub>0,2Ml</sub> [W/s]	3	378,68	(-)
	FIGRA <sub>0,4Ml</sub> [W/s]		358,43	(-)
	LFS < edge		Occured	Not applicable

	THR <sub>600s</sub> [MJ]		6,70	(-)
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]		29,87	(-)
	TSP <sub>600s</sub> [m <sup>2</sup> ]		85,86	(-)
	Flaming droplets/particles		None	Compliant
PN-EN 13823+A1:2022-12 SBI-30/02/2024 With adhesive	FIGRA <sub>0,2Ml</sub> [W/s]	3	461,05	(-)
	FIGRA <sub>0,4Ml</sub> [W/s]		461,05	(-)
	LFS < edge		None	Not applicable
	THR <sub>600s</sub> [MJ]		4,41	(-)
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]		22,08	(-)
	TSP <sub>600s</sub> [m <sup>2</sup> ]		64,65	(-)
	Flaming droplets/particles		None	Compliant
PN-EN ISO 11925-2:2020 Surface exposure 30s MP-13/02/2024 Without adhesive	F <sub>s</sub> ≤150mm	6	F <sub>s</sub> < 150mm	Compliant
	Flaming droplets/particles		None	Compliant
PN-EN ISO 11925-2:2020 Edge exposure 30s MP-13/02/2024 Without adhesive	F <sub>s</sub> ≤150mm	6	F <sub>s</sub> < 150mm	Compliant
PN-EN ISO 11925-2:2020 Surface exposure 30s MP-14/02/2024 With adhesive	F <sub>s</sub> ≤150mm	6	F <sub>s</sub> < 150mm	Compliant
	Flaming droplets/particles		None	Compliant
PN-EN ISO 11925-2:2020 Edge exposure 30s MP-14/02/2024 With adhesive	F <sub>s</sub> ≤150mm	6	F <sub>s</sub> < 150mm	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, Blockout LUVESSE SM W 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