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

1. Introduction

This classification report defines the classification assigned to **Kleen-Way PVC** in accordance with the procedures in EN 13501-1:2018.

Sponsor: Kleen-TEX Polska Sp. z o.o.
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Notified Body No: -

Product name: Kleen-Way PVC

Classification report No: SL/Z-039/EN13501/042a/2021 - draft

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

2. Details of classified product

2.1. General

The product, **Kleen-Way PVC**

2.2. Product description

The product, **Kleen-Way PVC**, is described below or is described in the reports provided in support of classification listed in 3.1

Yarn - polyamide6.6 - 0,96 kg/m²
 Underlier- polyester - 0,10 kg/m²
 Bottom - polyvinyl chloride- 2,7 kg/m²
 Mat height – 10 mm
 Mat weight– 3,80 kg/m²
 Dyeing - digital printing
 Manufacturing tolerances +/- 5 %

3. Reports and results in support 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	Kleen-Tex Polska Sp. z o.o.	SL/Z-039/EN9239/041/2021	PN-EN ISO 9239-1 PN-EN ISO 11925-2 25.01.2021

3.3. Results

Test method and test numer	Parameter	No. Tests ^a	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN-EN 9239-1	CHF/HF-30, kW·m ⁻²	3	>11	(-)
	Smoke Sc, %·min		105	(-)
PN-EN ISO 11925-2 Exposure time 15 s	Flame spread > 150 mm in 20 s, mm	3	(-)	Complaint
	Ignition of paper		(-)	Complaint

^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, **Kleen-Way PVC**, in relations to its reaction to fire behaviour is classified:

B_{fl}

The additional classification in relations to smoke production is:

s1

The format of the reaction to fire classification for floorings products is:

Fire behaviour		Smoke production	
B_{fl}	-	s	1

Reaction to fire classification: B_{fl}-s1

4.3. Field of application

This classification is valid for the following product parameters:

- polyamide flooring carpet of the red colour on the black mat
- pile thickness / height about 7,0 mm
- mat thickness 2,0 mm
- total thickness of about 9,3 mm
- weight per unit area 3,9 kg/m²

The classification is valid for the following end use applications:

Laying and/or fixing to mineral substrates of class A1 or A2-s1, d0.

5. Limitations

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

*Signature of person
undertaking classification:*

dr inż. Krzysztof Sychta

*Signature of person
authorising report:*