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

1. Introduction

This classification report defines the classification assigned to Entrance mat with the trade name Iron-Horse XL Eco in accordance with the procedures in EN 13501-1:2018.

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Notified Body No: 3039

Product name: Entrance mat with the trade name Iron-Horse XL Eco

Classification report No: SL/Z-987/EN13501/0986a/2024

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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, Entrance mat with the trade name Iron-Horse XL Eco

2.2. Product description

The product, Entrance mat with the trade name Iron-Horse XL Eco, is described below or is described in the reports provided in support of classification listed in 3.1

Floor mat (doormat), consisting of a brown/black carpet (fleece thickness/height 8,3-9,5 mm) on the main side and black rubber (0,5-0,6 mm thick) on the underside. Total thickness of 10,3-11,6 mm and weight per unit area 2,3 kg/m².

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-987/EN9239/0985a/2024	PN-EN ISO 9239-1 PN-EN ISO 11925-2 06-07.11.2024

3.3. Results

Test method and test numer	Parameter	No. Tests ^a	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN-EN 9239-1	HF-30, kW·m ⁻²	3	5,7	(-)
	Smoke Sc, %·min		369	(-)
PN-EN ISO 11925-2 Exposure time 15 s	Flame spread > 150 mm in 20 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, Entrance mat with the trade name Iron-Horse XL Eco, in relations to its reaction to fire behaviour is classified:

C_{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	
C_{fl}	-	s	1

Reaction to fire classification: C_{fl}-s1

4.3. Field of application

This classification is valid for the following product parameters:

- Yarn PA 6 - 75% recycled material; PET; NBR rubber
- weight per unit area: 2,45 kg/m² +/- 3%

The classification is valid for the following end use applications:

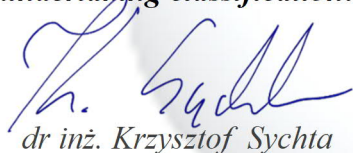
This classification applies to material laid without fixing on mineral substrates of class A1 or A2-s1, d0.

Fixing to mineral substrates of class A1 or A2-s1, d0 will not cause deterioration of the fire properties of the product.

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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