



Institut pro testování a certifikaci, a.s.
Divize CSI - Centrum stavebního inženýrství

Fire Technical Laboratory

**AUTHORIZED
BODY**

**NOTIFIED
BODY**

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1:2019

Applicant: Příhoda s.r.o.
Za Radnicí 476
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Product name: Textile product „Příhoda NHE“

**Classification
report No.:** PK-24-103

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1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The classification of the product *Textile product „Příhoda NHE“* is valid for the following end use application:

Hanged textile air distribution system

Description:

The product *Textile product „Příhoda NHE“* is fully described in the test reports in support of the classification listed in clause 2.

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

Test reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
CSI a.s., Fire technical laboratory	Příhoda s.r.o.	12871 – 1/2 15299 – 1/2 17/440/P255 17/440/P256	ČSN EN ISO 1716
CSI a.s., Fire technical laboratory	Příhoda s.r.o.	12871 – 2/2 15897	ČSN EN 13823

Measured values and test results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 1716	PCS (MJ/kg) ⁽¹⁾	3	1,05	≤ 3 (A2)
	PCS (MJ/kg) ⁽³⁾	3	1,11	
	PCS (MJ/kg) ⁽⁴⁾	3	1,02	
	PCS (MJ/kg) ⁽⁵⁾	3	1,09	
ČSN EN 13823 ⁽¹⁾	FIGRA _{0,2 MJ} (W/s)	3	0,0	≤ 120 (A2, B)
	LFS < edge	3	yes	yes (A2, B, C)
	THR _{600 s} (MJ)	3	0,5	≤ 7,5 (A2, B)
	SMOGRA (m ² /s ²)	3	0,0	≤ 30 (s1)
	TSP _{600 s} (m ²)	3	16,7	≤ 50 (s1)
	flaming droplets / particles	3	no	no (d0)
ČSN EN 13823 ⁽²⁾	FIGRA _{0,2 MJ} (W/s)	1	0,0	≤ 120 (A2, B)
	LFS < edge	1	yes	yes (A2, B, C)
	THR _{600 s} (MJ)	1	0,3	≤ 7,5 (A2, B)
	SMOGRA (m ² /s ²)	1	0,0	≤ 30 (s1)
	TSP _{600 s} (m ²)	1	11,7	≤ 50 (s1)
	flaming droplets / particles	1	no	no (d0)

- (1): product from 16th November 2005, colour silver - white
 (2): product from 13th February 2012, colour blue - black
 (3): product from 22nd November 2010, colour silver - white
 (4): product from 10th February 2017, colour blue - black
 (5): product from 10th February 2017, colour silver - white

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

Reference and direct field of application

This classification has been carried out in accordance with the clauses 11.7.2, 11.9.2 and 11.10.1 of ČSN EN 13501-1:2019.

Classification

The product *Textile product „Příhoda NHE“*, in relation to its reaction to fire behaviour is classified:

A2

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

d0

The format of the reaction to fire classification for *Textile product „Příhoda NHE“* is:

Fire behaviour		Smoke production			Flaming droplets	
A2	-	s	1	,	d	0

Reaction to fire classification: A2-s1, d0

Field of application

This classification is valid for the following product parameters:

- Colour: without limitation

This classification is valid for the following end use conditions:

- Without backing

4. LIMITATIONS

Restrictions

This classification report is valid, provided that the technical specifications of the product will not be changed.

Warning

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

Prepared:



Jiří Socha



Reviewed:



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head of laboratory