



Centrum stavebního inženýrství a.s.

Fire Technical Laboratory

AUTHORIZED
BODY No. 212

NOTIFIED
BODY No. 1390

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1+A1:2010

Applicant: Příhoda s.r.o.
Za Radnicí 476
539 01 Hlinsko
Czech Republic

Prepared by: Centrum stavebního inženýrství a.s.
Pražská 16
102 00 Praha 10
Czech Republic

Product name: Textile product „Příhoda PMS“ / Textile
product „Příhoda NMS“

**Classification
report No.:** PK-14-035

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Address:
PRAŽSKÁ 16, 102 00 PRAHA 10, Czech Republic, E mail: csias@csias.cz, <http://www.csias.cz>
Reg. No. 45274860, VAT No. CZ45274860. The Company is registered in the Commercial Register
administered by the Municipal Court of Prague (section B, inset 1595).
Fire Technical Laboratory, E-mail: ptl@csias.cz
Phone: +420 281 017 111, Fax: +420 281 017 455

1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

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

Hanged textile air distribution system

Description:

The product *Textile product „Příhoda PMS“ / Textile product „Příhoda NMS“* 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.	17000 - 1/3	ČSN EN ISO 11925-2
		17000 - 2/3	
		17000 - 3/3	ČSN EN 13823

Measured values a test results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2 exposition = 30 s	$F_s \leq 150 \text{ mm}^{(1)}$ ignition of filter paper ⁽¹⁾	6	yes	yes (B to D)
		6	no	no (d0)
	$F_s \leq 150 \text{ mm}^{(2)}$ ignition of filter paper ⁽²⁾	6	yes	yes (B to D)
		6	no	no (d0)
ČSN EN 13823 ⁽⁷⁾	$FIGRA_{0,4 \text{ MJ}} \text{ (W/s)}$	3	0	$\leq 120 \text{ (B)}$
	$LFS < \text{edge}$	3	yes	yes (B)
	$THR_{600 \text{ s}} \text{ (MJ)}$	3	0,5	$\leq 7,5 \text{ (B)}$
	$SMOGRA \text{ (m}^2/\text{s}^2)$	3	0	$\leq 30 \text{ (s1)}$
	$TSP_{600 \text{ s}} \text{ (m}^2)$	3	11,3	$\leq 50 \text{ (s1)}$
	flaming droplets / particles	3	no	no (d0)

(1): surface flame attack

(2): edge flame attack

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

Reference and direct field of application

This classification has been carried out in accordance with the clauses 11.6, 11.9.2 and 11.10.1 of ČSN EN 13501-1+A1:2010.

Classification

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

B

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 PMS“ / Textile product „Příhoda NMS“* is:

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

Reaction to fire classification: B-s1, d0

Field of application

This classification is valid for the following end use conditions:

- Without substrate

4. LIMITATIONS

Restrictions

This classification report is valid until 28th April 2019, 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:



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Jiří Socha



Reviewed:



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Vít Slaboch
head of laboratory