



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
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Czech Republic

Prepared by: Centrum stavebního inženýrství a.s.
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Product name: Textile product „Příhoda PMS“ / Textile
product „Příhoda NMS“

**Classification
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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. For reaction to fire tests was selected product *„Příhoda PMS“*, which has the same composition and higher weight per square meter declared by the manufacturer. The results of reaction to fire tests can be applied to a product *„Příhoda NMS“*.

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	$F_s \leq 150 \text{ mm}^{(1)}$	6	yes	yes (B to D)
	ignition of filter paper ⁽¹⁾	6	no	no (d0)
	$F_s \leq 150 \text{ mm}^{(2)}$	6	yes	yes (B to D)
	ignition of filter paper ⁽²⁾	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 also valid for the following product parameters:

- Mass per unit area $\leq 320 \text{ g/m}^2$

This classification is valid for the following end use conditions:

- Without substrate

4. LIMITATIONS

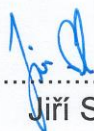
Restrictions

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:



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Reviewed:



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