



Centrum stavebního inženýrství a.s.

Fire Technical Laboratory

AUTHORIZED
BODY No. 212

NOTIFIED
BODY No. 1390

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2007

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

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

**Classification
report No.:** PK-10-039

Issue number: 1/2

Date of issue: 14th May 2010

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1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product *Textile product „Přihoda PLI“* is defined as a „type of classified product“. Its classification is valid for the following end use application:

Hanged textile air distribution system

Description:

The product *Textile product „Přihoda PLI“* 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	Přihoda s.r.o.	11923 – 1/2	ČSN EN ISO 11925-2
CSI a.s., Fire technical laboratory	Přihoda s.r.o.	11923 – 2/2 14934	ČSN EN 13823

Measured values

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 1925-2 exposure = 30 s surface flame attack	$F_s \leq 150$ mm	6	(-)	yes
	ignition of the filter paper	6	(-)	no
ČSN EN 13823(1)	$FIGRA_{0,2 MJ}$ (W/s)	3	0	(-)
	LFS > edge	3	(-)	no
	$THR_{600 s}$ (MJ)	3	0,2	(-)
	$SMOGRA$ (m^2/s^2)	3	0	(-)
	$TSP_{600 s}$ (m^2)	3	5,5	(-)
	flaming droplets / particles	3	(-)	no
ČSN EN 13823(2)	$FIGRA_{0,2 MJ}$ (W/s)	1	0,0	(-)
	LFS > edge	1	(-)	no
	$THR_{600 s}$ (MJ)	1	0,4	(-)
	$SMOGRA$ (m^2/s^2)	1	0,0	(-)
	$TSP_{600 s}$ (m^2)	1	19,2	(-)
	flaming droplets / particles	1	(-)	no

(-): not applicable

(1): product tested at 16th December 2003

(2): product tested at 21st April 2010

Test results

Test method	Parameter	Mean value	Criterion compliance
ČSN EN ISO 11925-2	$F_s \leq 150$ mm ignition of filter paper	yes no	yes (B to D) no (d0)

Test results

Test method	Parameter	Mean value		Criterion compliance
		(1)	(2)	
ČSN EN 13823	FIGRA _{0,2MJ} [W/s]	0	0	≤ 120 (B)
	THR _{600s} [MJ]	0,2	0,4	$\leq 7,5$ (B)
	LFS > edge	no	no	no (B)
	SMOGRA [m ² /s ²]	0	0	≤ 30 (s1)
	TSP _{600s} [m ²]	5,5	19,2	≤ 50 (s1)
	Flaming droplets / particles	no	no	no (d0)

(1): product tested at 16th December 2003(2): product tested at 21st April 2010**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 EN 13501-1:2007.

Classification

The product *Textile product „Přihoda PLI“*, 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 „Přihoda PLI“* is:

Reaction to fire classification: B-s1, d0

Field of application

This classification is valid for the following end use conditions:

- Without backing

4. LIMITATIONS

Restrictions

This classification report is valid until 14th May 2015, 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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