

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+A1:2009

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

Prepared by:
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Product name: Textile product „Příhoda NHE“

**Classification
report No.:** PK-11-013

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1. DETAILS OF CLASSIFIED PRODUCT**Nature and end use application:**

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

Hanged textile air distribution system

Description:

The product *Textile product „Přihoda 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	Přihoda s.r.o.	12871 – 1/2 15299 – 1/2	ČSN EN ISO 1716
CSI a.s., Fire technical laboratory	Přihoda s.r.o.	12871 – 2/2 15299 – 2/2	ČSN EN 13823

Measured values

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 1716	PCS (MJ/kg) ⁽¹⁾	3	1,05	(-)
	PCS (MJ/kg) ⁽²⁾	3	1,11	(-)
	FIGRA _{0,2 M_l} (W/s)	3	0,0	(-)
ČSN EN 13823(1)	LFS > edge	3	(-)	no
	THR _{600 s} (MJ)	3	0,5	(-)
	SMOGRA (m ² /s ²)	3	0,0	(-)
	TSP _{600 s} (m ²)	3	16,7	(-)
	flaming droplets / particles	3	(-)	no
	FIGRA _{0,2 M_l} (W/s)	1	0,0	(-)
	LFS > edge	1	(-)	no
ČSN EN 13823(2)	THR _{600 s} (MJ)	1	0,6	(-)
	SMOGRA (m ² /s ²)	1	0,0	(-)
	TSP _{600 s} (m ²)	1	21,3	(-)
	flaming droplets / particles	1	(-)	no

(-): not applicable

(1): product from 16th November 2005

(2): product from 22nd November 2010

Test results

Test method	Parameter	Mean value (1)	Mean value (2)	Criterion compliance
ČSN EN ISO 1716	PCS (MJ/kg)	1,05	1,11	≤ 3 (A2)
		(1): product from 16 th November 2005		
(2): product from 22 nd November 2010				

Test results

Test method	Parameter	Mean value		Criterion compliance
		(1)	(2)	
ČSN EN 13823	FIGRA _{0,2MJ} [W/s]	0	0	≤ 120 (A2)
	THR _{600s} [MJ]	0,6	0,6	≤ 7,5 (A2)
	LFS > edge	no	no	no (A2)
	SMOGRA [m ² /s ²]	0	0	≤ 30 (s1)
	TSP _{600s} [m ²]	14,8	17,0	≤ 50 (s1)
Flaming droplets / particles				
		no	no	no (d0)
(1): product from 16 th November 2005				
(2): product from 22 nd November 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 11.7.2, 11.9.2 and 11.10.1 of EN 13501-1:2007+A1:2009.

Classification

The product *Textile product „Přihoda 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 „Přihoda 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 end use conditions:

- Without backing

4. LIMITATIONS

Restrictions

This classification report is valid until 14th February 2016, 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.

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