



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

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Product name: Tactile systems

**Classification
report No.:** PK-17-079

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1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

Classification of the product *Tactile systems* is valid for the following end use application:

Floor covering

Description:

The product *Tactile systems* 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	OLEJÁR, spol. s r.o.	16028 - 1/2	ČSN EN ISO 11925-2
		16028 - 2/2	ČSN EN ISO 9239-1

Measured values

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2 surface flame attack	$F_s \leq 150 \text{ mm}$	6	(-)	yes
ČSN EN ISO 9239-1	CHF (kW/m ²)	3	8,6	(-)
	Smoke (% × min)	3	300,7	(-)
(-): not applicable				

Test results

Test method	Parameter	Mean value	Criterion compliance
ČSN EN ISO 11925-2	$F_s \leq 150 \text{ mm}$ (1)	yes	yes (B _{fl} to D _{fl})
(1): until 20. second from the start of exposition			

Test results

Test method	Parameter	Mean value	Criterion compliance
ČSN EN ISO 9239-1	CHF (kW/m ²) Smoke (% x min)	8,6 300,7	≥ 8,0 (B _{fi}) ≤ 750 (s1)

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION**Reference and direct field of application**

This classification has been carried out in accordance with the clauses 12.6 and 12.9.2 of ČSN EN 13501-1+A1:2010.

Classification

The product *Tactile systems*, in relation to its reaction to fire behaviour is classified:

B_{fi}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for *Tactile systems* is:

Fire behaviour		Smoke production	
B _{fi}	-	s	1

Reaction to fire classification: B_{fi}-s1

Field of application

This classification is valid for the following product parameters:

- length: without limitation
- width ≤ 30 mm
- thickness ≤ 3 mm

This classification is valid for the following end-use conditions:

- substrate: products of reaction to fire class A1_{fl} or A2_{fl}
- longitudinal distance (gap) between stripes ≥ 30 mm

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:		Reviewed:
		
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