



# 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:** Fibertex Nonwovens, a.s.  
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**Product name:** *FIBERACOUSTIC 75*

**Classification  
report No.:** PK-17-033

**Issue number:** 1/2

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## 1. DETAILS OF CLASSIFIED PRODUCT

### Nature and end use application:

The product, *FIBERACOUSTIC 75*, is defined as a type of sound absorbing membrane.

### Description:

The product *FIBERACOUSTIC 75* 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	Fibertex Nonwovens, a.s.	17/440/P234	ČSN EN 13823+A1
CSI a.s., Fire technical laboratory	Fibertex Nonwovens, a.s.	17/440/P235	ČSN EN ISO 11925-2

### Measured values and test results:

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN 13823+A1	<i>FIGRA</i> <sub>0,2 MJ</sub> (W/s)	3	0	≤ 120 (B)
	<i>LFS</i> < edge	3	yes	yes (B)
	<i>THR</i> <sub>600 s</sub> (MJ)	3	0,3	≤ 7,5 (B)
	<i>SMOGRA</i> (m <sup>2</sup> /s <sup>2</sup> )	3	0	≤ 30 (s1)
	<i>TSP</i> <sub>600 s</sub> (m <sup>2</sup> )	3	8,9	≤ 50 (s1)
	flaming droplets / particles	3	no	no (d0)
ČSN EN ISO 11925-2 <sup>(1)</sup> surface flame attack exposition = 30 s	<i>F</i> <sub>s</sub> ≤ 150 mm ignition of the filter paper	6	yes	yes (B to D)
		6	no	yes (d2)
ČSN EN ISO 11925-2 <sup>(2)</sup> surface flame attack exposition = 30 s	<i>F</i> <sub>s</sub> ≤ 150 mm ignition of the filter paper	6	yes	yes (B to D)
		6	no	yes (d2)
ČSN EN ISO 11925-2 <sup>(1)</sup> edge flame attack exposition = 30 s	<i>F</i> <sub>s</sub> ≤ 150 mm ignition of the filter paper	6	yes	yes (B to D)
		6	no	yes (d2)
ČSN EN ISO 11925-2 <sup>(2)</sup> edge flame attack exposition = 30 s	<i>F</i> <sub>s</sub> ≤ 150 mm ignition of the filter paper	6	yes	yes (B to D)
		6	no	yes (d2)

- (1): front side  
(2): back side

### 3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

#### Reference and direct field of application

This classification has been carried out in accordance with the clause 11.6 of ČSN EN 13501-1+A1:2010.

#### Classification

The product *FIBERACOUSTIC 75*, 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 *FIBERACOUSTIC 75* 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

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### Restrictions

This classification report is valid until 6<sup>th</sup> April 2022, 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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