



# 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:** NETEX, spol. s r.o.  
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**Product name:** *Nonwoven fabric STRUTO 6/400 with self-adhesive layer*

**Classification report No.:** PK-18-041

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## 1. DETAILS OF CLASSIFIED PRODUCT

### Nature and end use application:

Classification of the product *Nonwoven fabric STRUTO 6/400 with self-adhesive layer* is valid for the following end use application:

Sound damping.

### Description:

The product *Nonwoven fabric STRUTO 6/400 with self-adhesive layer* 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	NETEX, spol. s r.o.	18/440/P123	ČSN EN ISO 11925-2
		18/440/P124	ČSN EN 13823+A1

### 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)
	$F_s \leq 150 \text{ mm}^{(2)}$	6	yes	yes (B to D)
	ignition of the filter paper	12	no	no (d0)
ČSN EN 13823+A1	$FIGRA_{0,2 \text{ MJ}} \text{ (W/s)}$	3	112,4	$\leq 120 \text{ (B)}$
	$LFS > \text{edge}$	3	no	no (B)
	$THR_{600 \text{ s}} \text{ (MJ)}$	3	3,2	$\leq 7,5 \text{ (B)}$
	$SMOGRA \text{ (m}^2\text{/s}^2\text{)}$	3	0	$\leq 30 \text{ (s1)}$
	$TSP_{600 \text{ s}} \text{ (m}^2\text{)}$	3	42,0	$\leq 50 \text{ (s1)}$
	flaming droplets / particles	3	no	no (d0)

(-): not applicable

(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 clause 11.6, 11.9.2 and 11.10.1 of ČSN EN 13501-1+A1:2010.

#### Classification

The product *Nonwoven fabric STRUTO 6/400 with self-adhesive layer*, 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 *Nonwoven fabric STRUTO 6/400 with self-adhesive layer* 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:

- Product glued on the metal substrate substrates in end use with a melting point equal to or greater than 1 000 °C, independent of thickness and density.

## 4. LIMITATIONS

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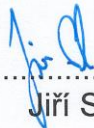
### Restrictions

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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