Institut pro testování a certifikaci, a.s.
Divize CSI - Centrum stavebního inženýrství

Fire Technical Laboratory

AUTHORIZED BODY

NOTIFIED BODY

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2018

Applicant: Heytex Bramsche GmbH
Heywinkelstraße 1
49565 Bramsche
Germany

Prepared by: Institut pro testování a certifikaci, a.s.
Divize CSI – Centrum stavebního inženýrství
Pražská 16, 102 00 Praha 10
Czech Republic

Product name: Article H6071

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Address:
PRAŽSKÁ 16, 102 00 PRAHA 10, Czech Republic, E mail: csias@csias.cz, http://www.csias.cz
Reg. No. 47910381, VAT No. CZ47910381.
Fire Technical Laboratory, E-mail: ptl@csias.cz
Phone: +420 281 017 111, Fax: +420 281 017 455

1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product *Article H6071* is defined as a type of tarpaulin for textile construction.

Description:

The product *Article H6071* 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
ITC a.s., Divize CSI, Fire technical laboratory	Heytex Bramsche GmbH	26/P372	EN ISO 11925-2
		26/P373	EN 13823

Measured values and test results:

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
EN ISO 11925-2 exposition = 30 s	$Fs \leq 150$ mm[1]	6	yes	yes (B - D)
	ignition of filter paper[1]	6	no	no (d0)
	$Fs \leq 150$ mm[2]	6	yes	yes (B - D)
	ignition of filter paper[2]	6	no	no (d0)
EN 13823	$FIGRA_{0,2\,MJ}$ (W/s)	3	0	≤ 120 (B)
	$LFS <$ edge	3	yes	yes (B, C)
	$THR_{600\,s}$ (MJ)	3	0,6	≤ 7,5 (B)
	$SMOGRA$ (m^2/s^2)	3	0	≤ 30 (s1)
	$TSP_{600\,s}$ (m^2)	3	11,8	≤ 50 (s1)
	flaming droplets / particles	3	no	no (d0)

[1]: surface exposure
[2]: edge exposure

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 EN 13501-1:2018.

Classification

The product *Article H6071*, 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 *Article H6071* 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

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:

Jiří Socha

Reviewed:

Vít Slaboch
head of laboratory