



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

**Fire Technical Laboratory**

**AUTHORIZED  
BODY**

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BODY**

## **CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1:2019**

**Applicant:** Highlite International BV  
Vestastraat 2  
NL – 6468 EX Kerkrade

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

**Product name:** *Stage Molton 320 g/m<sup>2</sup> with 64%  
recycled cotton*

**Classification  
report No.:** PK-24-135

**Issue number:** 1/2

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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, *Stage Molton 320 g/m<sup>2</sup> with 64% recycled cotton*, is defined as a type of fabric without a closer end-use specification.

### Description:

The product *Stage Molton 320 g/m<sup>2</sup> with 64% recycled cotton* 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, AZL 1007.4	Highlite International BV	23/P693-1	ČSN EN ISO 11925-2
		23/P694-1	ČSN EN 13823

### Measured values and test results:

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2 <sup>(1)</sup> exposition = 30 s surface flame attack	$F_s \leq 150$ mm ignition of filter paper	6	yes	yes (B - D)
		6	no	yes (d2)
ČSN EN ISO 11925-2 <sup>(1)</sup> exposition = 30 s edge flame attack	$F_s \leq 150$ mm ignition of filter paper	6	yes	yes (B - D)
		6	no	yes (d2)
ČSN EN 13823 <sup>(3)</sup>	$FIGRA_{0,2 MJ}$ (W/s)	3	106,9	$\leq 120$ (B)
	$LFS < edge$	3	yes	yes (B,C)
	$THR_{600 s}$ (MJ)	3	1,3	$\leq 7,5$ (B)
	$SMOGRA$ (m <sup>2</sup> /s <sup>2</sup> )	3	38,6	$\leq 180$ (s2)
	$TSP_{600 s}$ (m <sup>2</sup> )	3	22,4	$\leq 50$ (s1)
	flaming droplets / particles	3	no	no (d0)

## 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, 11.9.3 and 11.10.1 of ČSN EN 13501-1:2019.

**Classification**

The product *Stage Molton 320 g/m<sup>2</sup> with 64% recycled cotton*, in relation to its reaction to fire behaviour is classified:

**B**

The additional classification in relation to smoke production is:

**s2**

The additional classification in relation to flaming droplets/particles is:

**d0**

The format of the reaction to fire classification for *Stage Molton 320 g/m<sup>2</sup> with 64% recycled cotton* is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	2	,	d	0

**Reaction to fire classification: B-s2, 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.

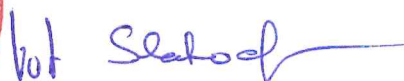
Prepared:



.....  
Jiří Socha



Reviewed:



.....  
Vít Slaboch  
head of laboratory