



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 ČSN EN 13501-1:2019

Applicant: Low & Bonar Czech s.r.o
Šlechtova 860
512 51 Lomnice nad Popelkou
Czech Republic

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

Product name: VALMEX® Backlit II FR, Article Nr.: 7530
5946

**Classification
report No.:** PK-20-013

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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, VALMEX® Backlit II FR, Article Nr.: 7530 5946, is defined as a type of foil for construction of tents, exhibition stands and halls.

Description:

The product VALMEX® Backlit II FR, Article Nr.: 7530 5946 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	Mehler Technologies s.r.o.	14/162/P073	ČSN EN ISO 11925-2
		14/163/P074	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 exposition = 30 s surface flame attack	$F_s \leq 150$ mm ignition of filter paper	6	yes	yes (B - D)
		6	no	no (d0)
ČSN EN ISO 11925-2 exposition = 30 s edge flame attack	$F_s \leq 150$ mm ignition of filter paper	6	yes	yes (B - D)
		6	no	no (d0)
ČSN EN 13823	$FIGRA_{0,2 MJ}$ (W/s)	3	5,0	≤ 120 (B)
	$LFS >$ edge	3	no	no (B,C)
	$THR_{600 s}$ (MJ)	3	1,1	$\leq 7,5$ (B)
	$SMOGR_A$ (m^2/s^2)	3	0	≤ 30 (s1)
	$TSP_{600 s}$ (m^2)	3	28,6	≤ 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, 11.9.2 and 11.10.1 of ČSN EN 13501-1:2019.

Classification

The product *VALMEX® Backlit II FR, Article Nr.: 7530 5946*, 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 *VALMEX® Backlit II FR, Article Nr.: 7530 5946* 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:		Reviewed:
		
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Jiří Socha		Vít Slaboch head of laboratory