

Informationen

zur Zertifizierung nach Baustoffklasse DIN 4102 – B1

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Datum **09.07.2021**

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Kerstin Petzold
Geschäftsführerin

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Classification of reaction to fire in accordance with EN 13501-1:2018

Issue number: K47/2021

Date of issue: 09.07.2021.

Sponsor: Junkers & Müllers GmbH.

Address: Bolksbuscher Strasse 27, 41239 Mönchengladbach, Germany.
Reg. No. HRB 3591, Mönchengladbach.

Manufacturer and owner of classification report: Junkers & Müllers GmbH.

Prepared by: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (*Forest and Wood Products Research and Development Institute Ltd*).

Test performed at: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (*Forest and Wood Products Research and Development Institute Ltd*).

Product name: JM SILKSHADE BLO FR.

Laboratory involved in testing is accredited by the Latvian National Accreditation Bureau (LATAK) according to the standard LVS EN ISO/IEC 17025 under the terms of Latvian legislation with reg. No. T-316. Laboratory is a notified body with reg. No. NB 2040 under construction product regulation No. 305/2011.

Classification report refers only to these test objects. This classification report may not be reproduced otherwise than in full text, excepted with the prior written approval of the Forest and Wood Products Research and Development Institute

1. Introduction

This classification report defines the reaction to fire classification assigned to one-side coated textile fabric made of 100% polyester JM SILKSHADE BLO FR in accordance with the procedures given in EN 13501-1:2018.

2. Details of classified product

2.1. General

One-side coated textile fabric made of 100% polyester JM SILKSHADE BLO FR is defined as textile material intended to use for a roller blind or vertical blind. There is no harmonised European technical specification standard available describing this product.

2.2. Product description

- Product name: JM SILKSHADE BLO FR.
- Product description: one-side coated textile fabric made of 100% polyester.
- Manufacturer: Junkers & Müllers GmbH.
- Materials used for manufacturing:
 - base fabric: polyester;
 - coating: polymer coating and flame-retardant additives.
- Nominal thickness tested: 0.50 mm.
- Surface mass/area: ~350 g/m².
- Colour: white, red-brown, black.

3. Test reports and test results in support of classification

3.1. Specific conditions

Not applicable

3.2. Test reports

Name of laboratory	Name of sponsor	Test reports	Test method
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	Junkers & Müllers GmbH	5479-1/2021	EN 13823:2020
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	Junkers & Müllers GmbH	5479-2/2021	EN ISO 11925-2:2020

3.3. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean	Compliance parameters
EN 13823:2020	$FIGRA_{0,2MJ}(W/s)$	6	Threshold not reached	(-)
	$FIGRA_{0,4MJ}(W/s)$		Threshold not reached	(-)
	$THR_{600s}(MJ)$		0.7	(-)
	LFS		no	Compliant
	$SMOGRA(m^2/s^2)$		196.1	(-)
	$TSP_{600s}(m^2)$		28.1	(-)
	Flaming droplets <10s Flaming droplets >10s		(-) (-)	Compliant Compliant
EN ISO 11925-2:2020 Exposure time 30 s. Test duration 60 s.	Flame spread (Fs)	18	(-)	Compliant
	Ignition of filter paper		(-)	Compliant
	Flaming droplets/particles		(-)	Compliant
(-) not applicable				

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018.

4.2. Classification

One-side coated textile fabric made of 100% polyester JM SILKSHADE BLO FR in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s3

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

d0

The format of the reaction to fire classification for construction product excluding floorings and linings is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	3	,	d	0

Reaction to fire classification: B-s3, d0

4.3. Field of application

4.3.1 This classification is valid for the following product end use applications:

Product is intended to be used as a roller blind or vertical blind.

4.3.2. This classification is also valid for following product parameters:

- valid only for thickness as tested;
- valid only for product composition as tested;
- valid only for surface mass/area as tested;
- valid for all colour tones;
- product performance determined without substrates with calcium silicate backing board at the 80 mm distance from product and classification valid for product mounting as ventilated, free standing or suspended installations;
- product tested without joints;
- valid with all colour tones.

5. Limitations.

5.1. No restrictions on the duration of validity of this classification report as long as the product specifications remain unchanged.

5.2. This document does not represent type approval or certification of the product.

Prepared by



E. Bukšāns

(signature and name)

Reviewed by



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(signature and name)

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