



**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:** A. Berger GmbH  
Weyerhofstrasse 68  
47803 Krefeld  
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:** 04435-0026-BE, Revolution

**Classification  
report No.:** PK-22-197

**Issue number:** 1/2

**Date of issue:** 2<sup>nd</sup> December 2022

This classification report consists of 4 pages and may only be used or reproduced in its entirety.

## 1. DETAILS OF CLASSIFIED PRODUCT

### Nature and end use application:

The product 04435-0026-BE, *Revolution* is defined as a type of fabric without a closer end-use specification.

### Description:

The product 04435-0026-BE, *Revolution* 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	A. Berger GmbH	22/P506-1	ČSN EN ISO 11925-2
		22/P507-1	ČSN EN 13823+A1

### 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	$F_s \leq 150 \text{ mm}^{(1)}$	6	yes	yes (B - D)
	ignition of filter paper <sup>(1)</sup>	6	no	no (d0)
	$F_s \leq 150 \text{ mm}^{(2)}$	6	yes	yes (B - D)
	ignition of filter paper <sup>(2)</sup>	6	no	no (d0)
ČSN EN 13823+A1	$FIGRA_{0,2 \text{ MJ}} \text{ (W/s)}$	3	0	$\leq 120 \text{ (B)}$
	$LFS < \text{edge}$	3	yes	yes (B, C)
	$THR_{600 \text{ s}} \text{ (MJ)}$	3	0,7	$\leq 7,5 \text{ (B)}$
	$SMOGRA \text{ (m}^2/\text{s}^2)$	3	0	$\leq 30 \text{ (s1)}$
	$TSP_{600 \text{ s}} \text{ (m}^2)$	3	8,0	$\leq 50 \text{ (s1)}$
	flaming droplets / particles	3	no	no (d0)

(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 13501-1:2019.

#### Classification

The product *04435-0026-BE, Revolution*, 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 *04435-0026-BE, Revolution* 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