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**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:** GERFLOR S.A.S.  
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**Product name:** POWERSHOCK 200

**Classification  
report No.:** PK-26-054

**Issue number:** 1/2

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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 *POWERSHOCK 200* is defined as a type of flooring according to EN 14904:2006.

### Description:

The product *POWERSHOCK 200* 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., AZL 1007.4	GERFLOR S.A.S.	25/P721-1	ČSN EN ISO 11925-2
		25/P722-1	ČSN EN ISO 9239-1

### Measured values and test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2	$F_s \leq 150$ mm	6	yes	yes (B <sub>fl</sub> to D <sub>fl</sub> )
ČSN EN ISO 9239-1	CHF (kW/m <sup>2</sup> )	3	7,4	$\geq 4,5$ (C <sub>fl</sub> )
	Smoke (% × min)	3	143,7	$\leq 750$ (s1)

### 3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

#### Reference and direct field of application

This classification has been carried out in accordance with the clauses 12.4 and 12.9.2 of ČSN EN 13501-1:2019.

#### Classification

The product *POWERSHOCK 200*, in relation to its reaction to fire behaviour is classified:

**C<sub>fi</sub>**

The additional classification in relation to smoke production is:

**s1**

The format of the reaction to fire classification for *POWERSHOCK 200* is:

Fire behaviour		Smoke production	
C <sub>fi</sub>	-	s	1

**Reaction to fire classification: C<sub>fi</sub>-s1**

#### Field of application

This classification is valid for the following product parameters:

- Colour: without limitation

This classification is valid for the following end use conditions:

- Flooring laid on the wooden substrate or any substrates of reaction to fire class A1<sub>fi</sub> or A2<sub>fi</sub>

## 4. LIMITATIONS

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### 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:



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Jiří Socha



Reviewed:



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Head of laboratory