



**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: Technický a zkušební ústav stavební
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Product name: *GWFB-Peshelan standard*

**Classification
report No.:** PK-20-036

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1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product, *GWFB-Peshelan standard*, is defined as a type of construction board.

Description:

The product *GWFB-Peshelan standard* 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	TZÚS Praha, s.p.	20/P101	ČSN EN ISO 1716
		20/P010	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 1716	PCS (MJ/kg)	3	2,84	≤ 3,0 (A2)
ČSN EN 13823+A1	FIGRA _{0,2 MJ} (W/s)	3	4,3	≤ 120 (A2)
	LFS > edge	3	no	no (A2)
	THR _{600 s} (MJ)	3	1,0	≤ 7,5 (A2)
	SMOGRA (m ² /s ²)	3	0	≤ 30 (s1)
	TSP _{600 s} (m ²)	3	11,6	≤ 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 11.7.2, 11.9.2 and 11.10.1 of ČSN EN 13501-1:2019.

Classification

The product *GWFB-Peshelan standard*, in relation to its reaction to fire behaviour is classified:

A2

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 *GWFB-Peshelan standard* is:

Fire behaviour		Smoke production				Flaming droplets	
A2	-	s	1	,	d	0	

Reaction to fire classification: A2-s1, d0

Field of application:

This classification is also valid for the following product parameters:

- Thickness: without limitation

This classification is valid for the following end use conditions:

- Without substrate or fixed on the substrates of reaction to fire class A1 or A2-s1, d0.

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:



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Jiří Socha



Reviewed:



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Vít Slaboch
head of laboratory