

PAVUS, a.s. **AUTHORIZED BODY 216**

NOTIFIED BODY 1391 ACCREDITED CERTIFICATION BODY FOR PRODUCTS CERTIFICATION N° 3041

FIRE TESTING LABORATORY Branch:

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REACTION TO FIRE ASSIFICATION REPORT

Object of classification: Floorings in accordance with

EN 13501-1:2018, cl. 12

Classification report No:

PK1-02-20-002-E-0

Type and product name: Cement-bonded particle boards BZSPlus+

Sponsor:

Technický a zkušební ústav stavební Praha, s.p.

Pobočka Ostrava

U Studia 14

700 30 Ostrava - Zábřeh

Česká republika

For company

"CSP BZS" Joint Limited Liability Company

137, Komsomolskaya Str., Kirchev

Mogilev Province

213500 Republic of Belarus

Issuing organization:

PAVUS, a.s.

Authorized Body 216 Notified Body 1391

Accredited certification body for products No 3041

Accreditation issued by Czech Accreditation Institute, Public

Service Company

- Certificate of Accreditation No 170/2019

Prosecká 412/74 190 00 PRAHA 9 Order No Z210200021

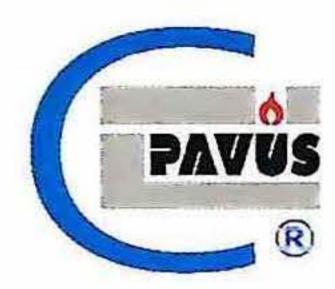
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1. INTRODUCTION

- 1.1. This classification report defines the classification assigned to Cement-bonded particle boards BZSPlus+ in accordance with the procedures given in EN 13501-1:2018.
- 1.2. This classification report consists of 3 pages and may only be used or reproduced in its entirety.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General

The product Cement-bonded particle boards BZSPlus+ is manufactured "CSP BZS" Joint Limited Liability Company, 137, Komsomolskaya Str., Kirchev, Mogilev Province, 213500 Republic of Belarus. The product is used in the flooring constructions.

2.2. Product description

Thickness:

16 and 24 mm

Density of mass:

1,350÷1,430 kg/m³

Composition:

20 % wood, 70 % cement, 2 % chemical additives, 8 % water

3. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1. Reports

Name of Laboratory Address Accreditation No.	Name of sponsor	Report ref. no. Date of issue	Test method and date Field of application rules and date	
PAVUS, a. s. Veselí nad Lužnicí ATL No. 1026	Technický a zkušební ústav stavební Praha, s.p. Pobočka Ostrava U Studia 14 700 30 Ostrava - Zábřeh Česká republika	Pr-20-1.047 2020-03-05	EN ISO 1716:2018	
		Pr-20-1.048 2020-03-05	EN ISO 9239-1:2010 EN ISO 13238: 2010	

3.2. Results

	Parameter	No. Tests	Results	
Test method			Continuous parameter - mean	Compliance with parameters
EN ISO 9239-1 Thickness of 16 mm	Critical flux CF (kW/m²) Smoke (% × min)	3	≥ 11 1.8	$\geq 8.0 (A2_{\rm fl})$ $\leq 750 (s1)$
EN ISO 9239-1 Thickness of 24 mm	Critical flux CF (kW/m²) Smoke (% × min)	3	≥ 11 2.3	≥ 8.0 (A2 _{fl}) ≤ 750 (s1)
EN ISO 1716	PCS	3	2.93 MJ/kg	≤ 3.0 MJ/kg (A2 _{fl})



4. CLASSIFICATION AND FIELD OF APPLICATION

4.1. Reference of Classification

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

4.2. Classification

The product Cement-bonded particle boards BZSPlus+ in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: A2fl - s1

4.3. Field of application

This classification is valid for the following product parameters:

Thickness:

16÷24 mm

Density:

1,350÷1,430 kg/m³

Composition:

cannot be changed

The classification is valid for the following end use applications:

The product is used in the flooring constructions.

Substrate:

substrates of reaction to fire classes A1 and A2-s1,d0 and substrates of

wood of density at least 510 kg/m³

Joints:

yes

5. LIMITATIONS

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

This classification is valid, unless the conditions, under which it was issued, have been changed. The sponsor may request the issuing authority to review the influence of changes to the classification validity.

Elaborated by:

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Fire testing laboratory

PANUS, 2. S.

Autorizovaná osoba AO 216 Pobočka

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Approved by:

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