



PAVUS, a.s.
AUTHORIZED BODY 216
NOTIFIED BODY 1391
ACCREDITED CERTIFICATION BODY FOR
PRODUCTS N° 3041

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REACTION TO FIRE CLASSIFICATION REPORT

The object of classification: *Floor coverings
in accordance with CSN EN 13501-1+A1:2010,
clause 12*

Issue number:

PK1-02-15-001-E-0

Product name and type: *Modified material MCM PHOMI*

Sponsor:

MCM Phomi s.r.o.
Zikova 708/5
160 00 Prague
Czech Republic

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 N° 542/2014
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190 00 PRAHA 9
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1. INTRODUCTION

- 1.1. This classification report defines the classification assigned to *Modified material MCM PHOMI* in accordance with the procedures given in CSN EN 13501-1+A1:2010.
- 1.2. This Classification Report has 4 pages and it can be used or reproduced as a whole only

2 DETAILED INFORMATION ON THE ELEMENT TO BE CLASSIFIED

2.1 General

The product – *modified material MCM PHOMI* - is made by the company *EOSD flexible Ceramics CO., Ltd, EOSD industry Park, Zhongcun Town, Panyu District, Guangzhou City, China*. It is used as claddings.

2.2 Product description

Flexible claddings contents of mesh with mass per unit area of 0.21 kg/m² and board with mass per unit area of 4.42 kg/m² made from 83 % of a clay and from 17 % of other components. Total product thickness is of 4 mm. (Values of mass per unit area and of thickness were measured at ATL.)

3 REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

3.1 Reports

Name of the Laboratory Address Accreditation number:	Name of sponsor of the Test Report	Report number Date of issue	Test method
PAVUS, a. s. Veseli nad Luznici ATL No. 1026	MCM Phomi s.r.o. Zikova 708/5 160 00 Prague Czech Republic	Pr-14-1.207 2014-11-12	CSN EN ISO 11925-2:2011
		Pr-14-1.208 2014-11-11	CSN EN ISO 9239-1:2010
Textilní zkušební ústav, s.p. Brno AZL č. 1001	EOSD flexible Ceramics Co., Ltd. EOSD industry Park, Zhongcun Town Panyu District, Guangzhou City China	FZZ/08/0628 2008-06-16	CSN EN ISO 9239-1:2010

3.2 Results

The specimens of flexible modified material for testing according to CSN EN ISO 9239-1 were mechanically fixed to the substrate in accordance with ČSN EN 13238 – fibre cement board.

3.2 Results

Test method	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
CSN EN ISO 1716 Mesh	Q_{PCS} (MJ/m ²)	3	0,95	≤ 4,0 (A2)
CSN EN ISO 1716 Cladding	Q_{PCS} (MJ/kg)	3	1,74	≤ 3,0 (A2)
CSN EN ISO 1716 Product as a whole Modified material	Q_{PCS} (MJ/kg)	-	1,87	≤ 3,0 (A2)
CSN EN ISO 9239-1	Critical flow CF (kW/ m ²)	3	12,0	≥ 8,0 (A2)
	Integral of smoke obscuration s (%·min)		10,3	≤ 750 (s1)

4 CLASSIFICATION AND FIELD OF APPLICATION

4.1. Classification references

This classification was carried out in conformity with CSN EN 13501-1+A1: 2010.

4.2 Classification

The product – *Modified material MCM PHOMI* - in conformity with its behaviour under the reaction-to-fire tests, is classified as follows:

Reaction to fire class: A2_{fl} – s1

4.3. The field of application

This classification applies for the following parameters of the product:

Parameters of the product described in the clause 2.2.

This classification applies for the following end-use applications:

The product is intended for using as a floor covering for industrial use on substrates with class reaction to fire A1 or A2-s1,d0 with density at least of 1,200 kg/m³.

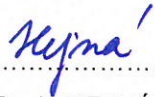
5 RESTRICTIONS

This Classification Report does substitute neither the type approval nor the product certificate.

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.

In the case of a dispute wording of the Czech version of the test report is decisive.

Elaborated by:

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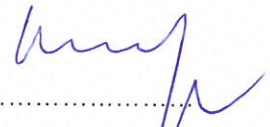
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Pavla HEJNÁ

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391 81 Veselí nad Lužnicí

Approved by:

A handwritten signature in blue ink, appearing to read 'Dufek'.

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Ing. Jaroslav DUFEK

