



## PAVUS, a.s.

AUTHORIZED BODY 216  
NOTIFIED BODY 1391  
ACCREDITED CERTIFICATION BODY  
FOR PRODUCT CERTIFICATION No. 3041

Branch: FIRE TESTING  
LABORATORY  
VESELÍ NAD LUŽNICÍ  
Čtvrť J. Hybeše 879  
391 81 Veselí nad Lužnicí

**Registered office:**

Prosecká 412/74, 190 00 Praha 9 – Prosek  
Phone: +420 286 019 587 Fax: +420 286 019 590  
E-mail: mail@pavus.cz, http://www.pavus.cz

Phone: +420 381 477 418  
Fax: +420 381 477 419  
E-mail: veseli@pavus.cz

# REACTION TO FIRE CLASSIFICATION REPORT

**Subject of  
classification:**

*Floor coverings  
according to ČSN EN 13501-1+A1:2010, cl. 12*

**Identification number:**

**PK1-02-17-005-E-0**

**Name and type of  
element:**

*Floor covering Fortelock*

**Sponsor:**

**Fortemix, s.r.o.**  
Kirilova 812  
739 21 Paskov  
Czech Republic

**Issuing organization:**

PAVUS, a.s.  
Authorized Body AO 216  
Notified Body 1391  
Accredited certification body for product certification No.3041  
– Accreditation issued by Czech Accreditation Institute, o. p. s.  
– Certificate of Accreditation No. 353/2016  
Prosecká 412/74  
190 00 PRAHA 9  
Order No. Z210170024

**Date of issue:**

2017-03-01

**Copies in total:**

4

**Copy number:**

1

**Pages in total:**

3

## 1 INTRODUCTION

1.1 This Classification Report defines the classification assigned to the given product *Floor covering Fortelock* in accordance with the procedures given in ČSN EN 13501-1+A1:2010 Fire classification of construction products and building elements – Part 1: Classification using test data from reaction to fire test.

1.2 This Classification Report consists of 3 pages and may be only used or reproduced in its entirety

## 2 DETAILS ON CLASSIFIED PRODUCT

2.1 Generally

The product, *Floor covering Fortelock* is intended as flooring.

For the test reasons, the grating of 7 mm in thickness was laid on fibre-cement substrate according to ČSN EN 13238 cl. 5.2

2.2 Product description

Product name: Floor covering Fortelock

Manufacturer: Fortemix, s.r.o., Kirilova 812, 739 21 Paskov, Czech Republic

Product composition: PVC, fillers, additives

Product use: floor surface for industrial and civil application

## 3 TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 Test reports

| Name of laboratory<br>Address<br>Accreditation No.   | Sponsor of test report  | Report number<br>Date of issue | Test method and date<br>Field of application rules and date |
|--|---|--------------------------------|---|
| PAVUS, a.s.<br>Veselí nad<br>Lužnicí<br>ATL No. 1026 | Fortemix, s.r.o.<br>Kirilova 812<br>739 21 Paskov<br>CZECH REPUBLIC | Pr-17-1.026<br>2017-02-27      | ČSN EN ISO 9239-1:2010                                      |
|  |   | Pr-17-1.027<br>2017-02-27      | ČSN EN ISO 11925-2:2011                                     |

3.2 Test results

| Test method according to                                | Parameter                               | Number of tests | Results                   |                       |
|---|---|-----------------|---------------------------|-----------------------|
|   |   |                 | Mean continuous parameter | Compliance parameters |
| ČSN EN ISO 9239-1                                       | Critical flow CF (kW/m <sup>2</sup> )   | 3               | ≥ 11                      | B <sub>f</sub> ≥ 8.0  |
|   | Integral of smoke obscuration s (%·min) |                 | 221                       | s1 ≤ 750              |
| ČSN EN ISO 11925-2<br>Surface exposition<br>cl. 7.3.3.1 | F <sub>s</sub> ≤ 150 mm up to 20 s      | 6               | 0 mm                      | yes                   |



### 3 CLASSIFICATION AND FIELD OF APPLICATION

#### 4.1 Classification references

This classification was carried out in conformity with clause 12 of ČSN EN 13501-1+A1:2010.

#### 4.2 Classification

The product *floor covering Fortelock* has been classified in accordance with its behaviour concerning the fire reaction as follows:

**Reaction to fire classification: B<sub>fl</sub> – s1**

#### 4.3 Field of application

This classification applies for the following product parameters:

Composition: isoftal polyester resin with extra effective fire retardant, reinforced with glass fibre roving

Material: may not be changed

This classification applies for the following end-use applications:

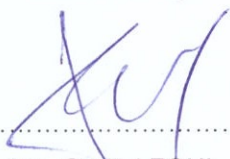
The product *floor covering Fortelock* is intended for industrial and civil use, for substrates of reaction to fire class A1 and A2-s1.

### 4 LIMITATIONS

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.

Elaborated by:



Ing. Ondřej FOHL

Fire Testing Laboratory

**PAVUS, a.s.**

Autorizovaná osoba AO 216

Pobočka

391 81 Veselí nad Lužnicí ☺

Checked by:



Ing. Jaroslav DUFEK

