PAVUS, a.s.
AUTHORIZED BODY
NOTIFIED BODY
CERTIFICATION BODY FOR PRODUCT CERTIFICATION No. 3041

V 3041

Address:
Prosecká 412/74, 190 00 Prague 9 – Prosek
Phone: +420 286 019 587
E-mail: mail@pavus.cz
Web: www.pavus.cz

Branch:
Fire testing laboratory Veselí nad Lužnicí
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí
Phone: +420 381 477 418
E-mail: veseli@pavus.cz

REACTION TO FIRE CLASSIFICATION REPORT

Subject of classification:	*Construction products excluding floorings and linear pipe thermal insulation products in accordance with EN 13501-1:2018, cl. 11*
Classification report No.	***PK1-01-26-038-E-0***
Product name:	***HEATLOK + PRIMER 52FR + FLAME-EX***
Sponsor:	***HEVADEX bv*** *Zoomstraat 6a* *9160 Lokeren* *Belgium*
Prepared by:	*PAVUS, a.s.* *Certification body for product certification No. 3041* *– accreditation issued by Czech Accreditation Institute, p.b.c.,* *– Certificate of Accreditation No. 272/2026; scheme PAVUS-1* *Prosecká 412/74* *190 00 Praha 9 - Prosek* *Czech Republic* *Order No. Z210260081*
Date of issue:	*2026-08-31*
Page in total:	*5*

1 INTRODUCTION

1.1 This classification report defines the classification assigned to *HEATLOK + PRIMER 52FR + FLAME-EX* in accordance with the procedures given in EN 13501-1:2018.

1.2 This classification report has been issued electronically with digital seal, consists of 5 pages and may only be used or reproduced in its entirety.

2 DETAILS OF CLASSIFIED PRODUCT

2.1 General

The product *HEATLOK + PRIMER 52FR + FLAME-EX* is supplied to the market by the company *HEVADEX bv, Zoomstraat 6a, 9160 Lokeren, Belgium. It is used for the thermal insulation of wall and ceiling.*

2.2 Product description

Thickness:	*30 mm and 200 mm, including the substrate board*	
HEATLOK:	*identification:*	*PUR foam with closed cells*
	producer:	*Huntsman Building Solutions Central Europe a.s., Družstevní 2, 237 51 Pletený Újezd, Czech Republic*
	density:	*36÷45 kg/m^3*
	composition:	*polyurethane, no flame-retardants*
PRIMER 52FR:	*identification:*	*flame-retardant primer*
	producer:	*HEVADEX bv, Zoomstraat 6a, 9160 Lokeren, Belgium*
	density:	*1.2 kg/dm^3*
	mass per unit area:	*0.1 kg/m^2 (in dry condition)*
	composition:	*polymer dispersion, 30 % wt. of fire retardants*
	organic content:	*30 % wt.*
FLAME-EX:	*identification:*	*intumescent coating*
	producer:	*HEVADEX bv, Zoomstraat 6a, 9160 Lokeren, Belgium*
	density:	*(1.35 ± 0.05) kg/dm^3*
	mass per unit area:	*0.4 kg/m^2*
	composition:	*polymer dispersion, waterborn intumescent coating*
	organic content:	*20 % wt.*

3 REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 Reports

Name of laboratory	**Name of sponsor**	**Report ref. No.** **Date of issue**	**Test method and date** **Field of application rules and date**
PAVUS, a.s. *Požární zkušebna* *Veselí nad Lužnicí* *AZL č. 1026*	*HEVADEX bv* *Zoomstraat 6a* *9160 Lokeren* *Belgium*	*Pr-26-1.129-En* *2026-08-31* *Pr-26-1.130-En* *2026-08-31*	*EN 13823:2020+A1:2022* *EN 13238:2026*
		Pr-26-1.131-En *2026-08-31*	*EN ISO 11925–2:2026*

3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
Thickness 20 mm				
EN 13823+A1	*$FIGRA_{0.2\,MJ}$ (W/s)* *THR_{600s} (MJ)* *LFS < edge of specimen* *SMOGRA (m^2/s^2)* *TSP_{600s} (m^2)* *non-occurring of flaming droplets/particles*	*3*	*53.8* *1.5* *-* *16.2* *66.5* *-*	*≤ 120 (B)* *≤ 7.5 (B)* *yes (B)* *≤ 30 (s1)* *≤ 200 (s2)* *yes (d0)*
EN ISO 11925 - 2 *Surface exposure*	*Fs ≤ 150 mm up to 60 s* *Filter paper non-ignition*	*6*	*-* *-*	*yes (B)* *yes (d0)*
EN ISO 11925 - 2 *Edge exposure*	*Fs ≤ 150 mm up to 60 s* *Filter paper non-ignition*	*6*	*-* *-*	*yes (B)* *yes (d0)*
Thickness 180 mm				
EN 13823+A1	*$FIGRA_{0.2\,MJ}$ (W/s)* *THR_{600s} (MJ)* *LFS < edge of specimen* *SMOGRA (m^2/s^2)* *TSP_{600s} (m^2)* *non-occurring of flaming droplets/particles*	*3*	*39.7* *1.6* *-* *21.2* *86.5* *-*	*≤ 120 (B)* *≤ 7.5 (B)* *yes (B)* *≤ 30 (s1)* *≤ 200 (s2)* *yes (d0)*
EN ISO 11925 - 2 *Surface exposure*	*Fs ≤ 150 mm up to 60 s* *Filter paper non-ignition*	*6*	*-* *-*	*yes (B)* *yes (d0)*
EN ISO 11925 - 2 *Edge exposure*	*Fs ≤ 150 mm up to 60 s* *Filter paper non-ignition*	*6*	*-* *-*	*yes (B)* *yes (d0)*

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 *HEATLOK + PRIMER 52FR + FLAME-EX* in relation to its reaction to fire behaviour is classified: ***B***

The additional classification in relation to smoke production is: ***s2***

The additional classification in relation to flaming droplets / particles is: ***d0***

Fire behaviour		Smoke production			Flaming droplets	
B	***-***	***s***	***2***	***,***	***d***	***0***

Reaction to fire classification: *B – s2, d0*

4.3 Field of application

This classification is valid for the following product parameters:

Product parameters listed in article 2.2.

Thickness of PUR material HEATLOK ≥ 20 mm.

The composition and ratio of ingredients of the product cannot be changed.

The classification is valid for the following end use applications:

Substrate:	*wood based substrates and also any end use substrate of classes A1 and A2-s1,d0 density at least of 400 kg/m^3, thickness at least of 9 mm*
Way of fixing:	*without air gaps, spraying of PUR material HEATLOK, continuous application of PRIMER 52FR and FLAME-EX coatings*
Joints:	*without joints*
Edges:	*edges treated with PRIMER 52FR and FLAME-EX coatings*

5 LIMITATIONS

This classification is valid unless the conditions, under which it was issued, have been changed (i.e., until the materials used, the composition or design of the product or the technical regulations relating to the product change).

The sponsor may request the issuing authority to review the influence of changes on the classification validity.

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

Elaborated by:	*Reviewed by:*	*Approved by:*
Lenka SOBOTOVÁ	Ladislav MĚSTKA	Jaroslav KOPEČNÝ

AKREDITOVANÝ CERTIFIKAČNÍ ORGÁN Č. 3041 PRO CERTIFIKACI VÝROBKŮ
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