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REACTION TO FIRE CLASSIFICATION REPORT

Object of classification: *Construction products excluding floorings and linear pipe thermal insulation products in accordance with EN 13501-1:2018, cl. 11*

Classification report No:

PK1-01-20-026-E-0

Type and product name: Waterproofing and protection coating /SOPROOF FR

Sponsor:

Hevadex BV

Spinnerslaan 6
9160 Lokeren
Belgium

Prepared by:

PAVUS, a.s.

Authorized body AO 216

Notified body 1391

Accredited certification body for products certification No. 3041

- Accreditation issued by Czech Accreditation Institute, Public Service,
- Certificate of Accreditation No. 170/2019

Prosecká 412/74
190 00 PRAHA 9

Order No. Z210200130



Date of issue: 2020-05-15

Copies in total: 3

Issue number: 1

Pages in total: 3

1. INTRODUCTION

- 1.1. This classification report defines the classification assigned to *ISOPROOF FR* 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 *ISOPROOF FR* is manufactured by company Hevadex BV, Spinnerslaan 6, 9160 Lokeren, Belgium. It is a ready-to-use coating based on specific pure acrylate polymer dispersions, that after application with an airless spray device or paintroll, dries to a durable, flexible, watertight, rainproof, weatherproof, UV resistant, airtight and vapour breathable membrane. It is applied in two layers.

2.2. Product description

Colour: white
 Coating density: (1.2 - 1.3) kg/l
 Total indicative consumption: 0.75 kg/m²
 Solids: > 50 %

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	Hevadex BV Spinnerslaan 6 9160 Lokeren Belgium	Pr-20-1.088-En 2020-05-13	EN ISO 11925-2:2020 EN 13238:2010
		Pr-20-1.094-En 2020-05-13	EN 13823:2010+A1:2014 EN 13238:2010

3.2. Results

Test method	Parameter	No. Tests	Results	
			Continuous parameter - mean	Compliance with parameters
EN ISO 11925-2 Exposure = 30 s according to cl. 7.3.3.1	$F_s \leq 150$ mm within 60 s No ignition of the filter paper	6	- -	yes (B) yes (d0)
EN ISO 11925-2 Exposure = 30 s according to cl. 7.3.3.2	$F_s \leq 150$ mm within 60 s No ignition of the filter paper	6	- -	yes (B) yes (d0)

Test method	Parameter	No. Tests	Results	
			Continuous parameter - mean	Compliance with parameters
EN 13823+A1	FIGRA _{0.2MJ} (W/s)	3	106.4	≤ 120 (B)
	THR _{600s} (MJ)		2.0	≤ 7.5 (B)
	LFS < edge of specimen		-	yes (B)
	SMOGRA ¹⁾ (m ² /s ²)		0.0	≤ 30 (s1)
	TSP _{600s} ¹⁾ (m ²)		34.9	≤ 50 (s1)
	No flaming droplets/ particles		-	yes (d0)

¹⁾ The alternative method of smoke calculation according to EN 13823+A1, cl. A.6.1.2 Note is not used.

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 *ISOPROOF FR* in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: B – s1, d0

4.3. Field of application

This classification is valid for the following product parameters:

Product composition and ratio of components: cannot be changed
 Thickness of wet layer: no more than 640 µm
 Mass of wet layer: no more than 0.8 kg/m²

The classification is valid for the following end use applications:

Substrate: substrates of reaction to fire class A1 and density at least of 653 kg/m³

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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