



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:

*Construction products excluding floorings and
linear pipe thermal insulation products in
accordance with ČSN EN 13501-1:2019, clause 11*

Issue number:

PK1-01-19-060-E-0

Product name and type:

Glass Fibre Mesh R 140A101N

Sponsor:

SAINT-GOBAIN ADFORS CZ s.r.o.
Sokolovská 106
570 01 Litomyšl
Czech Republic

Issuing organization:

PAVUS, a.s.
Authorized Body 216
Notified Body 1391
Accredited certification body for products No 3041
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1 INTRODUCTION

- 1.1 This Classification Report specifies classification method for the product *R 140A101N* in conformity with the procedures set forth in ČSN EN 13501-1:2019.
- 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 – *R 140A101N* is made by the company SAINT-GOBAIN ADFORS CZ s.r.o., Sokolovská 106, 570 01 Litomyšl, Czech Republic. It is the glass fibre mesh which is a part of external and internal contact thermal insulation systems.

2.2 Product description

Thickness: (0.5 ± 0.2) mm
Mass per unit area: $160 \text{ g/m}^2 \pm 10 \%$
Organic content: $10 \pm 18 \%$
Content: E-glass, PVDC+acrylate

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 Luznicí ATL No. 1026	SAINT-GOBAIN ADFORS CZ s.r.o. Sokolovská 106 570 21 Litomyšl Czech Republic	Pr-19-1.076 2019-10-29	ČSN EN 13823+A1:2018
		Pr-19-1.208 2019-10-29	ČSN EN ISO 1716:2018

3.2 Results

Test method	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
ČSN EN 13823+A1	<i>FIGRA_{0,2 MJ} (W/s)</i>	3	1.9	≤ 120 (A2)
	<i>THR_{600s} (MJ)</i>		0.1	≤ 7.5 (A2)
	<i>LFS < edge of specimen</i>		-	ano (A2)
	<i>SMOGRA (m²/s²)¹⁾</i>		0.0	≤ 30 (s1)
	<i>TSP_{600s} (m²)¹⁾</i>		19.1	≤ 50 (s1)
	<i>non-occurring of flaming droplets/particles</i>		-	ano (d0)
ČSN EN ISO 1716	<i>Q_{PCS} (MJ/kg)</i>	3	2.13	≤ 3.0 (A2)

1) Calculation procedure: classical

4 CLASSIFICATION AND FIELD OF APPLICATION

4.1 Classification references

This classification was carried out in conformity with ČSN EN 13501-1:2019.

4.2 Classification

The product - *R 140A101N* - in conformity with its behaviour under the reaction-to-fire tests, is classified as follows:

Reaction to fire class: A2-s1,d0

4.3 The field of application

This classification applies for the following parameters of the product:

Product parameters noticed in the clause 2.2.

This classification applies for the following end-use applications:

The product *R 140A101N* - is intended for using as one of component of external and internal contact thermal insulation systems.

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.

Therefore the Testing Laboratory has no part in preparing the product specimens for tests although the Laboratory provides, on manufacturer's request, a suitable certification that the Laboratory took part in monitoring the preparation of specimens for tests.

Elaborated by:



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