Reaction to fire classification report

1. Intruduction

This classification report defines the classification assigned to: *Insulation panels* in accordance with the procedures given in EN 13501-1:2018.

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2018

Sponsor:	*Sia „G SYSTEMS"* *Raunas iela 44 k-1, Riga* *LV-1039, Latvia* *Manufacturer:* *Individual Entrepreneur Pobedinskas* *Anatolii Bronislavovych* *ZIP 49000, city Dnipro* *Heroiv Boulevard 45/306*
Prepared by:	*Polish Centre for Testing and Certification* *Branch Office in Gdańsk* *Construction Products Laboratory* *Jakuba Wejhera str.18a, 80-346 Gdańsk*
Notified Body No.:	*1434*
Test performer at:	*Polish Centre for Testing and Certification* *Branch Office in Gdańsk* *Construction Products Laboratory* *Jakuba Wejhera str.18a, 80-346 Gdańsk*
Product name:	*Insulation panels*
Classification report No.:	***496/2019***
Issue number:	*1*
Date of issue:	*13 May 2020 r.*

This classification report consists of four pages and may only be used or reproduced in its entirety.

2. Deatails of classified product

2.1. General

The product, *Insulation panels* is defined as *Factory made expanded polystyrene (EPS) products in accordance with EN 13163:2012+A1:2015.*

2.2. Product description

The product, *Insulation panels* is described below

Product description
Expanded polystyrene boards Insulation panels are produced by expanding polystyrene. The product is intended for thermal insulation in construction.

3. Test reports & test results in suport of classification

3.1. Test reports

Name of Laboratory	Name of sponsor	Test reports no.	Test method Date of test
PCBC Construction Products Laboratory	*Sia „G SYSTEMS" Raunas iela 44 k-1, Riga LV-1039, Latvia* *Manufacturer:* *Individual Entrepreneur Pobedinskas Anatolii Bronislavovych ZIP 49000, city Dnipro Heroiv Boulevard 45/306*	*Assessment of the performance report no. 496/T/2019*	*EN ISO 11925-2:2010/AC:2011* *20-01-2020*

3.2. Test results

Test method and test number	Parameter	No. tests [a]	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN ISO 11925-2:2010/AC:2011 *Interaction of the flame: edge and surface exposure from top and bottom side.* *Flame application time 15 s.*	$F_s \leq 150$ mm	*24*	(-)	compliant
	the filter paper ignition	*24*	(-)	compliant

[a] Not for extended application.

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, *Insulation panels,* in relations to fire behaviour is classified: ***B1***

The additional classification in relations to smoke production is:: **-**

The additional classification in relations to flaming droplets/particles is classified: **-**

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets	
B1	-	-	-	,	-	-

Reaction to fire classification: *B1*

4.3. Field of application:

This classification is valid for the following product parameters:

- *nominal density:* *35 kg/m^3,*
- *composition of the product:* *it is not allowed to change the composition of the products.*

The classification is valid for the following end use applications:

- *for thermal insulation in construction,*
- *type of product: EPS.*

in accordance with Fire classification of construction products and construction objects from 4 May 2020 delivered by manufacturer.

5. Limitations:

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

The classification specified for the product and given in this report is suitable for the declaration of performance of the manufacturer regarding the conformity assessment and CE marking in system 3 in accordance with the Regulation of the European Parliament and of the Council (EU) No 305/2011 of 9 March 2011.

The producer give declaration that is kept on documents. It confirms that in the process of making the product there are no special processes, procedures or steps (eg adding retardants, limiting the content of organic parts or adding fillers), which serve to improve the fire properties in order to obtain the obtained classification. As a consequence, the manufacturer declares that the conformity assessment system 3 is right.

Therefore, the testing laboratory does not participate in the collection of test samples, although it has the relevant information provided by the manufacturer to ensure the identification of the samples tested

This report is no longer valid in the case of changes to the product or its manufacture and when the factory production control system will change significantly.

SIGNED

Specjalist for Construction Products Testing

Damian Pacyk

APPROVED

Main Specjalist for Construction Products Testing

Szymon Gładysz

FIRE CLASSIFICATION OF BUILDING PRODUCTS AND BUILDING COMPONENTS

Customer name and address:	SIA „G SYSTEMS" Raunas iela 44 k-1 Riga, LV-1039 Latvia Manufacturer Individual entrepreneur Pobedinskas Anatolii Bronislavovych, ZIP 49000, city Dnipro, Heroiv Boulevard 45/306
Product name:	Insulation panels
Product description:	Insulation panels with facade tiles
Parameters defining the product:	Thickness: T1 Nominal density: 35 Product Type: EPS
Application:	– application

Statement:

Please be advised that in the process of manufacturing the product – Insulation panels there are no special processes, procedures or steps (e.g. adding retardants, limiting the content of organic parts or adding fillers) that are used to improve fire performance in order to obtain the classification obtained. We declare that the conformity assessment system 3 is appropriate.

Dnipro Ukraine 4th of May 2020 Place and date	Olegs Parhomenko Signature and stamp of the authorized person