

Reaction to fire classification report

1. Introduction

This classification report defines the classification assigned to *Insulation panel termPIR® AL* produced by *GÓR-STAL Sp. z o.o.* in accordance with the procedures given in EN 13501-1+A1:2010



DIVISION OF GLASS AND BUILDING MATERIALS IN KRAKOW

31-983 KRAKÓW, UL. CEMENTOWA 8 STR.

phone: +48 12 683 79 00

fax: +48 12 683 79 01

www.icimb.pl/krakow

info_krakow@icimb.pl

Department of Gypsum and Building Chemistry

phone: +48 12 683 79 77

m.wieczorek@icimb.pl

*Institute of Ceramics and Building Materials is a Notified Body no. 1487
In the field of reaction to fire*

CLASSIFICATION OF REACTION TO FIRE

IN ACCORDANCE WITH EN 13501-1+A1:2010

Sponsor	<i>GÓR-STAL Sp. z o.o. ul. Przemysłowa 11, 38-300 Gorlice</i>
Prepared by	<i>Research Network ŁUKASIEWICZ Institute of Ceramics and Building Materials Division of Glass and Building Materials ul. Cementowa 8, 31 – 983 Kraków Department of Gypsum and Building Chemistry</i>
Notified Body No	<i>1487</i>
Product name	<i>Insulation panel termPIR® AL</i>
Classification report No	<i>KG-134/19/N</i>
Issue number	<i>1</i>
Date of issue	<i>03.12.2019</i>
This classification report consists of three pages and may only be used or reproduced in its entirety	

2. Details of classified product

2.1 General

The product, *Insulation panel termPIR® AL* is defined as *Insulation panel with PIR's core and with double-sided panel lining made of KRAFT paper covered with aluminium (AL) complies with the requirements of EN 13165+A2*

Zastępca Kierownika
Zakładu Gipsu i Chemii Budowlanej

mgr inż.  Borkowicz

Classification report No	KG-134/19/N
---------------------------------	-------------

2.2 Product description

The product, *Insulation panel termPIR® AL*, is described below or is described in the test reports provided in support of classification listed in 3.1.

Product description:
<i>Insulation panel termPIR® AL</i>
<i>Lining: double-sided panel lining made of KRAFT paper covered with aluminium (AL)</i>
<i>Core: PIR</i>
– density: 30 (+6/-2)kg/m³ – thickness: 20 - 250 mm

3. Test reports & test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports Nos.	Test method
Department of Gypsum and Building Chemistry Research Network ŁUKASIEWICZ - Institute of Ceramics and Building Materials	GÓR-STAL Sp. z o.o. ul. Przemysłowa 11, 38-300 Gorlice	242/19/KG/N	PN-EN ISO 11925-2:2010
Department of Gypsum and Building Chemistry Research Network ŁUKASIEWICZ - Institute of Ceramics and Building Materials	GÓR-STAL Sp. z o.o. ul. Przemysłowa 11, 38-300 Gorlice	243/19/KG/N	PN-EN ISO 11925-2:2010

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN- EN ISO 11925-2:2010 termPIR® AL 20 mm 242/19/KG/N	F _s ≤ 150 mm during 20 s	18	not applicable	yes
PN- EN ISO 11925-2:2010 termPIR® AL 60 mm 243/19/KG/N	F _s ≤ 150 mm during 20 s	18	not applicable	yes

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1+A1:2010

4.2 Classification

The product, *Insulation panel termPIR® AL* in relation to its reaction to fire behaviour is classified:

Classification report No

KG-134/19/N

E

The additional classification in relation to smoke production is:

-

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

-

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	
E	-	-	-	,	-	-

Reaction to fire classification: E**4.3 Field of application**

This classification is valid for the following product parameters *Insulation panel termPIR® AL produced by GÓR-STAL Sp. z o.o.*, described in Section 2.2 of this report classification.

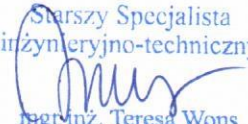
This classification is valid for the following end use application in conformity with the technical conditions the building and its location should meet. In conformity with the regulation of the Minister of Infrastructure as of 12th April 2002 on technical requirements that should be met for buildings and their localization as amended, the classification assigned to *Insulation panel termPIR® AL produced by GÓR-STAL Sp. z o.o.* defines the product as **easily ignitable, self-extinguishing, intensive smoke production**

5. Limitations

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

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 1 attestation of conformity and CE marking under the Construction Products Directive.

The test laboratory has sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

Starszy Specjalista
inżynierowo-techniczny

mgr inż. Teresa Wons

Prepared by

Zastępca Kierownika
Zakładu Gipsu i Chemii Budowlanej

mgr inż. Klaudiusz Borkowicz

Authorized by