



1. Introduction

This classification report defines the classification assigned to mineral wool – glass fibre product Ventilam Alu / ML 3, manufactured by: SAINT-GOBAIN CONSTRUCTION PRODUCTS Polska Sp. z o.o., ul. Okrężna 16, 44-100 Gliwice, in accordance with the procedure given in PN-EN 13501-1:2008.



CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH PN-EN 13501-1:2008

Sponsor: SAINT-GOBAIN CONSTRUCTION PRODUCTS Polska Sp. z o.o.
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Pracownia Badań Jakościowych

Product name: Mineral wool – glass fibre product Ventilam Alu / ML 3

Classification report No.: 190/08

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

2. Details of the classified product

2.1 General

Product Ventilam Alu / ML 3 is defined as a mineral wool - glass fibre lamella mat.

2.2 Product description

Mineral wool – glass fibre product Ventilam Alu / ML 3 is fully described in the test reports provided in supports of the classification listed in point 3.1.

3. Test reports & test results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report Nos.	Test method
COBR PIB Pracownia Badań Jakościowych	SAINT-GOBAIN CONSTRUCTION PRODUCTS Polska Sp. z o.o.	229/08/M-1/O _{CS2}	PN-EN ISO 1716:2004
COBR PIB Pracownia Badań Jakościowych	SAINT-GOBAIN CONSTRUCTION PRODUCTS Polska Sp. z o.o.	229/08/M-1/O/SBI	PN-EN 13823:2004

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m')	Compliance with parameters
1	2	3	4	5
The second test method PN-EN ISO 1716:2004	PCS (MJ/kg) (1)	3	1,61	(-)
	PCS (MJ/kg) (2)	3	2,22	(-)
	PCS (MJ/kg) (3)	3	18,79	(-)
	PCS (MJ/m ²) (3)	3	1,80	(-)
The third test method PN-EN 13823:2004	FIGRA _{0,2MJ}	3	57,4	(-)
	FIGRA _{0,4MJ}		9,6	(-)
	LFS< edge		(-)	Compliant
	THR _{600s} (MJ)		1,5	(-)
	SMOGRA (m ² /s ²)	3	0,0	(-)
	TSP _{600s} (m ²)		27,4	(-)
	Flaming droplets/particles	3	(-)	Compliant

(-): not applicable

(1): for non-homogeneous products the parameters for each substantial component are given

(2): the parameter for the product as a whole

(3): for non-homogeneous products the parameters for each external non-substantial component are given

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1:2008.

4.2 Classification

Mineral wool – glass fibre product Ventilam Alu / ML 3 in relation to its reaction to fire behaviour is classified:

A2

The additional classification in relation to smoke production is:

s1

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

d0

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	
A2	-	s	1	,	d	0	

i.e. **A2-s1, d0**

Reaction to fire classification: A2-s1, d0

4.3 Field of application:

This classification is valid for the following product parameters:

- Thickness nominal, 100 mm,
- Density nominal, 24,5 kg/m³,
- Organic content not more than 1,5925 kg/m³,
- Type of facing aluminium foil (18 µm) reinforced with glass fibre (scrim 5 x 5), laminated with PE in amount of 25 g/m²,
- Area weight of facing 96 g/m²,

Composition of the product – changes are not permitted.

This classification is valid for the following end use applications:

- this classification is valid for the product as placed on the market.

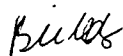
5. Limitations:

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

This classification report is valid to 03.12.2010 under the following condition: product and its field of application are not changed.

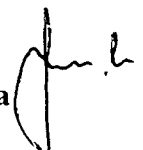
SIGNED

Adam Bielak



APPROVED

mgr inż. Mariusz Spyra



signature of person undertaking classification

signature of person authorising this report

KIEROWNIK
Pracowni Badań Jakościowych


mgr inż. Grażyna Swótek

The end of Report No. 190/08

Polish Standards PN-EN 13501-1:2008, PN-EN ISO 1716:2004 and PN-EN 13823:2004 are translation, without any changes, of English version of European Standards respectively EN 13501-1:2007, EN ISO 1716:2002 and EN 13823:2002.