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FIRE AND RESCUE DEPARTMENT UNDER THE MINISTRY OF THE INTERIOR OF
THE REPUBLIC OF LITHUANIA**FIRE RESEARCH CENTRE**
REACTION TO FIRE TESTING DIVISION**1. Introduction**

This classification report defines the classification assigned to mineral wool slabs "URSA Glasswool P15U", "URSA Glasswool P20U" and mineral wool mats "URSA Glasswool M15U", "URSA Glasswool M20U" in accordance with procedures given in LST EN 13501-1:2007

CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH LST EN 13501-1:2007

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Notified Body No.: 1796

Product name: Mineral wool slabs "URSA Glasswool P15U",
"URSA Glasswool P20U" and mineral wool mats
"URSA Glasswool M15U", "URSA Glasswool M20U"

Classification report No.: 20-14.2009.24N

Issue number: 1

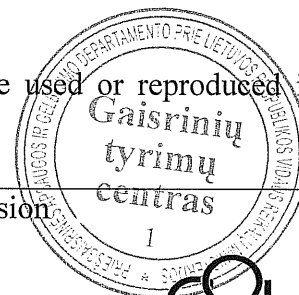
Date of issue: 29 October 2009

Base: Contract No. 57-10 (5GB/KL) of 15 July 2009
Application reg. No. 55-24

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Member

2. Details of classified product

2.1 General

The product, mineral wool slabs “URSA Glasswool P15U”, “URSA Glasswool P20U” and mineral wool mats “URSA Glasswool M15U”, “URSA Glasswool M20U”, is defined as thermal insulation products for buildings in accordance with LST EN 13162:2009.

2.2 Product description

Mineral wool slabs parameters declared by manufacturer:

- “URSA Glasswool P15U” thickness 50 mm - 220 mm, density 13 kg/m³ - 18 kg/m³, organic content (5 ± 0,5) %;
- “URSA Glasswool P20U” thickness 40 mm - 220 mm, density 19 kg/m³ - 22 kg/m³, organic content (7 ± 0,5) %.

Mineral wool mats parameters declared by manufacturer:

- “URSA Glasswool M15U” thickness 50 mm - 240 mm, density 15,5 kg/m³ - 18 kg/m³, organic content (4,2 ± 0,5) %;
- URSA Glasswool M20U” thickness 25 mm - 240 mm, density 18 kg/m³ - 21 kg/m³, organic content (4,2 ± 0,5) %.

Tests in accordance with LST EN ISO 1716 were performed with mineral wool slab “URSA Glasswool P20U”.

Tests in accordance with LST EN ISO 1182 were performed with mineral wool slabs “URSA Glasswool P15U”, “URSA Glasswool P20U”.

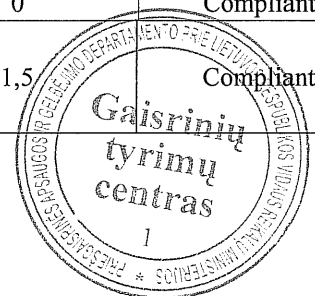
3. Test reports and test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test report No.	Test method
Fire Research Centre Reaction to Fire Testing Division	“URSA Eurasia LLC”	20-8.2009.2	LST EN ISO 1716:2002
Fire Research Centre Reaction to Fire Testing Division	“URSA Eurasia LLC”	20-8.2009.1	LST EN ISO 1182:2002
Fire Research Centre Reaction to Fire Testing Division	“URSA Eurasia LLC”	20-9.2009.1	LST EN ISO 1182:2002

3.2 Test results

Test method	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
LST EN ISO 1182 “URSA Glasswool P15U”	$\Delta T \leq 30 \text{ }^\circ\text{C}$ $\Delta m \leq 50 \text{ \%}$ $t_f = 0 \text{ s}$	5	1,7 6,5 0	Compliant Compliant Compliant
LST EN ISO 1182 “URSA Glasswool P20U”	$\Delta T \leq 30 \text{ }^\circ\text{C}$ $\Delta m \leq 50 \text{ \%}$ $t_f = 0 \text{ s}$	5	1,1 5,9 0	Compliant Compliant Compliant
LST EN ISO 1716	$\text{PCS} \leq 2,0 \text{ MJ/kg}$	3	1,5	Compliant



4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with LST EN 13501-1:2007 chap. 11.

4.2 Classification

The product, mineral wool slabs “URSA Glasswool P15U”, “URSA Glasswool P20U” and mineral wool mats “URSA Glasswool M15U”, “URSA Glasswool M20U”, in relation to its reaction to fire behaviour is classified:

A1

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

Fire behaviour		Smoke production		Flaming droplets
A1	-	-	-	-

i.e. A1.

Reaction to fire classification: A1

4.3 Field of application

This classification is valid for the following product parameters:

- density 13 kg/m³ - 22 kg/m³;
- organic content ≤ 7,5 %.

5. Limitations

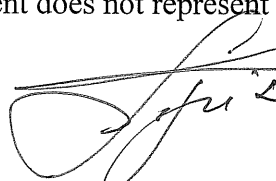
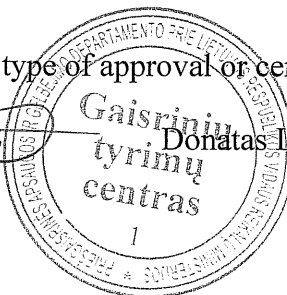
5.1 Restriction

The product, described in clause 2, classification is valid to 29 October 2012

5.2 Warning

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

Chief


Donatas Lipinskas

Gaisrinii tyrimų centras
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