



TEST REPORT No. 198-1 SFL/17

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Date: 30 of November 2017

1(1)

**Test method:** LST EN 12667:2002 Thermal performance of building materials and products - Determination of thermal resistance by means of guarded hot plate and heat flow meter methods - Products of high and medium thermal resistance  
LST EN 14063-1:2004 Thermal insulation products for buildings - In-situ formed expanded clay lightweight aggregate products - Part 1: Specification for the loose-fill products before installation  
(number of normative document or test method, description of test procedure, test uncertainty)

**Customer:** JSC „Plant of Expanded-Clay Gravel Novolukoml“, 1 Krupskoye Highway, Novolukoml, 211162 Chashniki District, Vitebsk Region, Republic of Belarus  
(name and address)

**Manufacturer:** JSC „Plant of Expanded-Clay Gravel Novolukoml“, 1 Krupskoye Highway, Novolukoml, 211162 Chashniki District, Vitebsk Region, Republic of Belarus  
(name and address)

**Product:** Expanded-clay of 4/10 mm fraction  
(name, description and identification details of a specimen)

**Specimen description:** Expanded-clay of 4/10 mm fraction (dry condition), density 350 kg/m<sup>3</sup>.  
(name, description and identification details of a specimen)

**Samples selected** Customer, selection act No 22.1 (2017-10-31)  
(who selected/place/date)

**Specimen delivery date:** 2017-11-06

**Place of sample preparation and maintenance:** Laboratory of Building Physics, Institute of Architecture and Construction of Kaunas University of Technology, Tunelio g. 60, LT 44451 Kaunas, Lithuania  
(name and address)

**Sample maintenance date:** 2017-11-06/2017-11-21 **Date of testing:** 2017-11-21 – 2017-11-25

**Tested at:** Laboratory of Building Physics, Institute of Architecture and Construction of Kaunas University of Technology  
(name and address)

**Test results:**

Sample No.	Average temperature of sample, °C	Thickness of specimen, mm	Density of dry material, kg/m <sup>3</sup>	Measured thermal conductivity of dry material $\lambda$ , W/(m·K)	Measurement extended uncertainty
1.	9,94	105	350	0,092	± 0,0006
2.	9,94	105	350	0,094	± 0,0006
3.	9,93	105	345	0,091	± 0,0006
Average value		105	350	0,093	± 0,0006

**Additional information:** -

**Annexes:** -

Head of Laboratory  
(approves the test results)

(signature)

K. Banionis  
(n., surname)

Tested by:  
(technically responsible for testing)

(signature)  
S.P.

A. Burlingis  
(n., surname)

Validity – the named data and results refer exclusively to the tested and described specimens.  
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