



TEST REPORT No. 197-1 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 0/4 mm fraction
(name, description and identification details of a specimen)

Specimen description: Expanded-clay of 0/4 mm fraction (dry condition), density 520 kg/m³.
(name, description and identification details of a specimen)

Samples selected Customer, selection act No 22.2 (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: 2017-11-06/2017-11-13 **Date of testing:** 2017-11-13 – 2017-11-19

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 ³	Measured thermal conductivity of dry material λ, W/(m·K)	Measurement extended uncertainty
1.	9,96	105	500	0,101	± 0,0006
2.	9,95	105	535	0,104	± 0,0006
3.	9,93	105	535	0,102	± 0,0006
Average value		105	520	0,102	± 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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