LIETUVOS NACIONALINIS AKREDITACIJOS BIURAS
BANDYMAI
ISO/IEC 17025 Nr. LA. 01.031

TEST PROTOCOL No. 004 SF/18 U

11 April 2018

Determination of the heat transfer coefficient of thermal insulation materials

(test name)

Tested in accordance with: LST EN ISO 8990:1999 Thermal insulation. Determination of steady-state thermal transmission properties. Calibrated and guarded hot box (ISO 8990:1994).

(Regulatory document number or description of a test method, testing procedure, test error)

Product: A sample of “Glory” thermal insulation façade cladding panels. Dimensions: 2050 mm x1800 mm x306 mm

(title, normative document identifier or Description, means of identification)

Client: UAB “Koderus”, Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

Manufacturer: UAB “Koderus”, Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district.
(name and address)

Test results:

Name and scale of the indicator	Test method mark	Test results
Thermal resistance of the product Rc $(m^2 \cdot K)/W$	LST EN ISO 8990:1999	**9.36**

Place of testing: KTU Institute of Architecture and Construction Building Physics Laboratory
(name of the testing laboratory)

Sample delivery date: 19/01/2018 Date of testing: 07/04/2018

Sampling performed by: Sampled by the Client
Other information: Application as of 26/01/2018
(any deviations, additional tests, exemptions and any information relating to a particular test)

Annexes: Annex No 1. Test data.
Annex No. 2 Sample data.
Annex No. 3 Testing equipment data.

Technical Manager /Signature/ J.Ramanauskas
(approves test results) (Name and Surname)

Test executor: /Signature/ A. Burlingis
(technically responsible for the test) (Name and Surname)

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The results of the test protocol relate only to the samples tested.
Parts of the protocol may not but multiplied without the written consent of the laboratory.

Annex No 1. Test data.

Physical values		**Value**
Air flow on the warm side, downwards, v_i	*m/s*	0.14
Air flow on the cold side, upwards, V_e	*m/s*	1.16
Supply power in hot box, Φ_{in}	*w*	12.70
Heat flux density of the sample, q_{sp}	*W/m2*	2.30
Average warm side air temperature, O_{ci}	*ºC*	20.76
Average cold side air temperature, O_{ci}	*ºC*	-1.26
Calculated ambient temperature on the warm side, 0_{ni}	*ºC*	21.07
Calculated ambient temperature on the cold side, 0_{ne}	*ºC*	-1.10
Thermal resistance of the sample R_c	*(m2*K)/W*	9.36

Test executor: A. Burlingis /signature/ Date: 07/04/2018