INSTITUTE OF ARCHITECTURE AND CONSTRUCTION KTU

BUILDING PHYSICS LABORATORY

TESTING PROTOCOL No. 004-5/18 ST page (pages)

26 March 2018 1 (l)

1. CLIENT: UAB "Koderus", Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

2. MANUFACTURER: UAB "Koderus", Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

3. PRODUCT: "Glory" thermal insulation façade cladding panel, 1000 x 500 x 308 mm
(title, normative document identifier or description, means of identification)

4. SAMPLE DELIVERY DATE: **19 February 2018**

5. DATE OF TESTING: **26/03/2018**

6. PLACE OF TESTING: **KTU Institute of Architecture and Construction Building Physics Laboratory**
(name of the testing laboratory)

7. SAMPLING PERFORMED BY: Sampled by the Client
(who sampled, place and date of sampling)

8. TESTED IN ACCORDANCE WITH: _____
(Regulatory document number or description of a test method, testing procedure, test error)

9. TEST RESULTS:

Table 1.·Determination of the concrete panel density

Mass *kg*	Panel length *mm*	Panel width *mm*	Panel thickness mm	Panel density *kg/m^3*
9.355	1000	500	8	2339

Table 2. Determination of the load-carrying capacity

Load, *kg*	*Average load, kg*	Defects
245	250	Broken metal fastening straps
245		Broken metal fastening straps
265		Broken metal fastening straps
245		Broken metal fastening straps

Environmental conditions during the test: $\Theta_i =$ **20** ^oC; $\phi_i =$ **46** %;

10. OTHER INFORMATION: _____
(any deviations, additional tests, exemptions and any information relating to a particular test)

11. ANNEXES:

Head of the laboratory: K. Banionis /signature/
(approves test results) (Name and surname)

Test executor: V. Paukštys /signature/
(technically responsible for the test) (Name and surname)

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.

Tunelio Str. 60, 44405 Kaunas phone 350799, email: statybine.fizika@ktu.lt

INSTITUTE OF ARCHITECTURE AND CONSTRUCTION KTU

BUILDING PHYSICS LABORATORY

TESTING PROTOCOL No. 004-2/18 page (pages)

26 March 2018 1 (l)

1. CLIENT: UAB "Koderus", Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

2. MANUFACTURER: UAB "Koderus", Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

3. PRODUCT: "Glory" thermal insulation façade cladding panel, 1000 x 500 x 308 mm
(title, normative document identifier or description, means of identification)

4. SAMPLE DELIVERY DATE: **19/03/2018**

5. DATE OF TESTING: **26/03/2018**

6. PLACE OF TESTING: **KTU Institute of Architecture and Construction Building Physics Laboratory**
(name of the testing laboratory)

7. **SAMPLING PERFORMED BY:** Sampled by the Client
(who sampled, place and date of sampling)

8. TESTED IN ACCORDANCE WITH: TR001 Determination of the impact resistance of thermal insulation cladding panels and components
(Regulatory document number or description of a test method, testing procedure, test error)

9. TEST RESULTS:

Table 1. Results for soft body impact resistance

Mass *kg*	Energy *Nm*	Lifting height *m*	Defects
50	700	1.42	No defects

Table 2. Results for hard body impact resistance

Mass *kg*	Energy *Nm*	Lifting height *m*	Defects
1.051	10	0.970	No defects

Environmental conditions during the test: $\Theta_i =$ **21** ^oC; $\phi_i =$ **48** %;

Measuring equipment used for the test: *1. Ball launcher; 2. 50 kg sandbag; 3. 1 kg steel ball; 4. Relative humidity and temperature gauge Testo 615, No. 3070000244G.b.*

10. OTHER INFORMATION: _____
(any deviations, additional tests, exemptions and any information relating to a particular test)

11. ANNEXES:

Head of the laboratory: K. Banionis /signature/
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BUILDING PHYSICS LABORATORY

TESTING PROTOCOL No. 004-5/18 ST page (pages)

26 March 2018 1 (l)

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(name and address)

2. MANUFACTURER: UAB "Koderus", Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

3. PRODUCT: "Glory" thermal insulation façade cladding panel, 1000 x 500 x 308 mm
(title, normative document identifier or description, means of identification)

4. SAMPLE DELIVERY DATE: **19/02/2018**

5. DATE OF TESTING: **26/03/2018**

6. PLACE OF TESTING: **KTU Institute of Architecture and Construction Building Physics Laboratory**
(name of the testing laboratory)

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Test executor: V. Paukštys
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BUILDING PHYSICS LABORATORY

TESTING PROTOCOL No. 004-2/18 page (pages)

26 March 2018 1 (1)

1. CLIENT: UAB "Koderus", Žirgų Str. 19, Antežerių vill., LT-14158, Vilnius district, Lithuania
(name and address)

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3. PRODUCT: "Glory" thermal insulation façade cladding panel, 1000 x 500 x 308 mm
(title, normative document identifier or description, means of identification)

4. SAMPLE DELIVERY DATE: **19/03/2018**

5. DATE OF TESTING: **26/03/2018**

6. PLACE OF TESTING: **KTU Institute of Architecture and Construction Building Physics Laboratory**
(name of the testing laboratory)

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