

IKATES, s.r.o. – Laboratory for glass and building products testing



Tolstého 186, 415 03 Teplice, Czech Republic

tel.: +420 417 503 093, tel.: +420 417 502 825

e-mail: ikates@ikates.cz www.ikates.cz



Testing laboratory No.1139 accredited by Czech Institute of Accreditation
acc to. ČSN EN ISO/IEC 17025 for glass and selected building products testing

TEST REPORT

No. : 7A / 2017

Test item :

Thermally toughened laminated glass Glazeri BT

initial type tests acc. to ČSN EN 14449:

- humidity test according to ČSN EN ISO 12543-4
- high temperature tests according to ČSN EN ISO 12543-4

Client (address):

SIA GLAZERI BT

Jelgavas street 74, Riga, LV-1004, Latvia

Producer (address):

SIA GLAZERI BT, Jelgavas street 74, Riga, LV-1004, Latvia

plant Matisa street 92, Riga, LV-1009, Latvia

Place of test performance:

IKATES, s.r.o., Teplice

Date of sample receiving:

2017-01-17

Date of testing:

2017-01-23 to 2017-02-06

Date of issue:

2017-02-14

Number of pages:

3

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Manager of testing laboratory :

Jiří Stránský



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Normative foundations :

ČSN EN ISO 12543 (2012): Glass in building – Laminated glass and laminated safety glass

ČSN EN 14449 (2006): Glass in building – Laminated glass and laminated safety glass –
Evaluation of conformity/Product standard

Sampling :

Following test specimens of thermally toughened laminated glass with dimensions 100 mm x 300 mm were supplied to testing:

6 pcs. 44.2 (toughened glass 4 mm + 0,76 mm EVA + toughened glass 4 mm)

6 pcs. 55.2 (toughened glass 5 mm + 0,76 mm EVA + toughened glass 5 mm)

6 pcs. 66.2 (toughened glass 6 mm + 0,76 mm EVA + toughened glass 6 mm)

6 pcs. 88.2 (toughened glass 8 mm + 0,76 mm EVA + toughened glass 8 mm)

6 pcs. 1010.2 (toughened glass 10 mm + 0,76 mm EVA + toughened glass 10 mm)

6 pcs. 1010.4 (toughened glass 10 mm + 1,52 mm EVA + toughened glass 10 mm)

6 pcs. 1212.4 (toughened glass 12 mm + 1,52 mm EVA + toughened glass 12 mm)

Note: Original edges without protection. Interlayer: EVA - Pujol

Metrological provision of tests :

Humidity test was carried out in the climate chamber Hygrotherm. For measuring and controlling of temperature was used calibrated thermometer. The high temperature test was carried out in climate chamber CTS with metrological traceability.

Test results :

1. High temperature test (ČSN EN ISO 12543-4, art.5.3.2 – procedure A)

samples	state after the test
3 pcs. 44.2	no changes in evaluated area
3 pcs. 55.2	no changes in evaluated area
3 pcs. 66.2	no changes in evaluated area
3 pcs. 88.2	no changes in evaluated area
3 pcs. 1010.2	no changes in evaluated area
3 pcs. 1010.4	no changes in evaluated area
3 pcs. 1212.4	no changes in evaluated area



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2. Humidity test (ČSN EN ISO 12543-4, art.6.3.1 – with condensation)

samples	state after the test
3 pcs. 44.2	no changes in evaluated area
3 pcs. 55.2	no changes in evaluated area
3 pcs. 66.2	no changes in evaluated area
3 pcs. 88.2	no changes in evaluated area
3 pcs. 1010.2	no changes in evaluated area
3 pcs. 1010.4	no changes in evaluated area
3 pcs. 1212.4	no changes in evaluated area

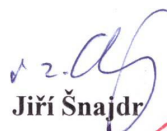
Statement : Test results, given in this report, apply only to the tested items and do not replace other documents, e.g. administrative character, issued by other bodies, according to particular regulations. The official version is in the Czech language.

Distribution list :

2 x SIA GLAZERI BT

1 x Laboratory for glass and building products testing IKATES, s.r.o. (archive)

Tests were carried out by :


Jiří Šnajdr

Report was performed by :

For correctness and validity of report is responsible :


Jiří Stránský

end of the test report

