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

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L 1139

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. : 7B / 2017

Test item :	**Thermally toughened laminated glass Glazeri BT** initial type tests acc. to ČSN EN 14449: - radiation test 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 2017-04-18
Date of issue:	2017-04-19
Number of pages:	3
Page No. :	1
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 + 1,52 mm EVAsafe + toughened glass 4 mm)

Note: Original edges without protection. Interlayer: EVAsafe

Metrological provision of tests :

The radiation test was carried out using of testing equipment– radiation wall with Ultravitalux lamps. The light transmittance of samples before and after the test was measured using of spectrometer Shimadzu UV 3600 with metrological traceability. Irradiance was measured with pyranometer Kipp & Zonen CM-6B with metrological traceability, the temperature using of calibrated thermocouple.

Test results :

1. Radiation test (ČSN EN ISO 12543-4; 7.3.1)

Duration: 2000 hours; sources: 16 pcs. of OSRAM Ultravitalux 300 W

None from tested specimens shows visually observable defects in the evaluated area.

Sample No.	Light transmittance before and after the test		Rel. difference (%)
	τ_{V1} (%)	τ_{V2} (%)	
1	87,3	86,3	-1,1
2	88,5	88,2	-0,3
3	88,4	87,6	-0,9

Note: According to ČSN EN 12543-2, art. 4.3 is the allowable difference max. ± 3 % rel.

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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)

Test was carried out by : Jiří Šnajdr, Jiří Stránský

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Report was performed by :
For correctness and validity of report is responsible : Jiří Stránský

end of the test report