

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



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Accredited testing laboratory No.1139

accredited by Czech Institute of Accreditation in Prague

for glass and selected building products testing

TEST REPORT

No. : **A – 9B / 2005**

Test item : **Fire resistant glass PYROBEL EI45/17
- pendulum impact test according to ČSN EN 12600**

Client (address): **Authorized Body No.225, IKATES, s.r.o.**

Producer (address): **Glaverbel Czech a.s., member of the Glaverbel Group,
plant Oloví, Tovární 226, Oloví, Czech Republic**

Place of test performance : **IKATES, s.r.o., Glaverbel Czech a.s., plant Oloví**

Date of sample receiving : 2005-02-10

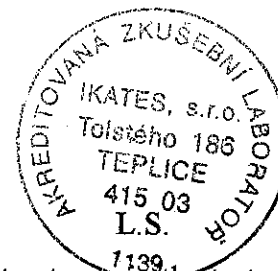
Date of test performance : 2005-02-10 to 2005-03-22

Date of issue : 2005-03-23

Number of pages : 3

Page No. : 1

Manager of testing laboratory : **Jiří Stránský**



Results and/or informations out of accreditation range and suncontracts are in the test report identified. Copying and translating, using of report for other purposes (advertisement, extracts from the report) only with consent of the laboratory. Without consent of the laboratory is possible to reproduce the report only whole.

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Standard classification of products :

26.12.12

Normative foundations :

ČSN EN 12600 (2003): Glass in building – Pendulum test – Impact test method and classification for flat glass

Sampling :

Following test specimen of fire resistant glass were supplied to the testing:
 4 pcs. Pyrobel EI45/17 (2/2/3/2/2) 876x1938 mm - No.5-8

Note: Cutted edges, protected by the aluminium adhesive tape

Metrological provision of tests :

Calibrated measuring gauges of testing laboratory were used during testing.

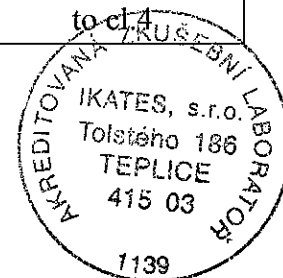
Test rig for pendulum test and impact bodies complies with requirements ČSN EN 12600 (last calibration of test rig: 19.3.2003)

Test results :

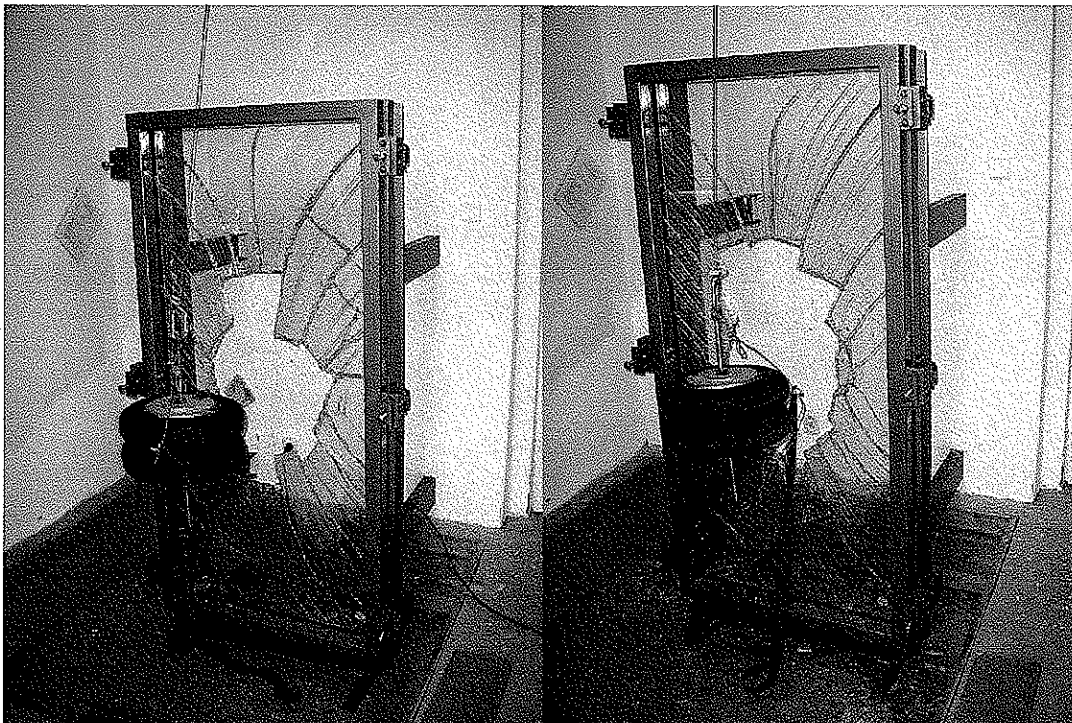
Pendulum impact test (ČSN EN 12600)

test specimen No.	Stay after impact from height 190 mm	Stay after impact from height 450 mm	Stay after impact from height 1200 mm
Pyrobel EI45/17	5	no breakage	no breakage
	6	no breakage	no breakage
	7	no breakage	breakage contrary to cl.4
	8	no breakage	breakage contrary to cl.4

Product classification: EN 12600 2(B)2



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specimen No.7 after impact from height 1200 mm specimen No.8 after impact from height 1200 mm

Statement : Test results, given in this report, apply only to the tested items and does not replace other documents, e.g. administrativ characters, issued from other bodies, according to particular regulations.

Distribution list :

3 x Authorized Body No.225 IKATES, s.r.o.

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

Tests were performed by :

[Handwritten signatures]
Vladimír Diviš, Jiří Stránský, Jiří Snajdr

Test report was prepared by:

For correctness and validity of report is responsible :

[Handwritten signature]
Jiří Stránský