



IKATES, s.r.o.

Laboratory for glass and building products testing

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*Testing laboratory No. 1139 accredited by Czech Accreditation Institute, o.p.s.
according to ČSN EN ISO/IEC 17025:2018*

TEST REPORT

No. : 154A-2 / 2025

Test item : **Float glass clear 6 mm with applied safety film**
- ball drop test

Client (address): MADICO, Inc.
9251 Belcher Road N., Suite A, Pinellas Park, FL 33782, USA

Producer (address): MADICO, Inc.
9251 Belcher Road N., Suite A, Pinellas Park, FL 33782, USA

Place of test performance : IKATES, s.r.o., Teplice, Czech Republic

Date of sample receiving : 2025-06-05

Date of test performance : 2025-06-16

Date of issue : 2025-06-26

Number of pages : 4

Page No. : 1

Manager of testing laboratory :

Jiří Stránský



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No. : 154A-2 / 2025	Number of pages : 4
	Page No. : 2

Normative documents :

ČSN EN 356 (2000): Glass in building – Security glazing – Testing and classification of resistance against manual attack

Samples description :

Following test specimens of float glass clear with applied safety film with dimensions 900x1100 mm were used for testing:

- 3 pcs. SafetyShield G2 2100 (SS G2 2100 PS SR) – float 6 mm thermally toughened safety glass clear + safety film SS G2 2100

Note: used film – SafetyShield G2 2100 Temp. (SS G2 2100 Temp.), producer MADICO, Inc., USA; measured thickness 6,16-6,23 mm

Used equipment :

Testing equipment complies with requirements of ČSN EN 356. Calibrated measuring gauges of testing laboratory were used during testing.

Test results :

Ball drop test (according to ČSN EN 356, chapter 8)

SafetyShield G2 2100 (SS G2 2100 PS SR) – float 6 mm thermally toughened safety glass clear + safety film SS G2 2100 on protected side

Specimen / Drop No.	Drop height (mm)	State after impact
1 / 1 1 / 2 1 / 3	9000	breakage without interlayer rupture breakage, interlayer rupture 10 mm breakage, interlayer rupture 60 mm
2 / 1 2 / 2 2 / 3	9000	breakage without interlayer rupture breakage, interlayer rupture 150 mm breakage without interlayer rupture
3 / 1 3 / 2 3 / 3	9000	breakage without interlayer rupture breakage without interlayer rupture breakage without interlayer rupture

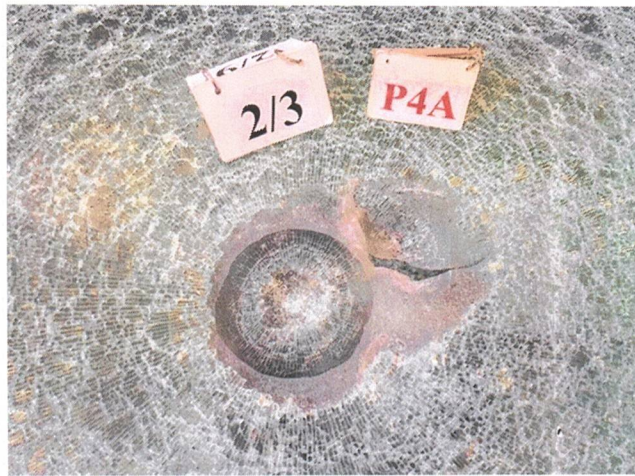
Classification : EN 356 P4A



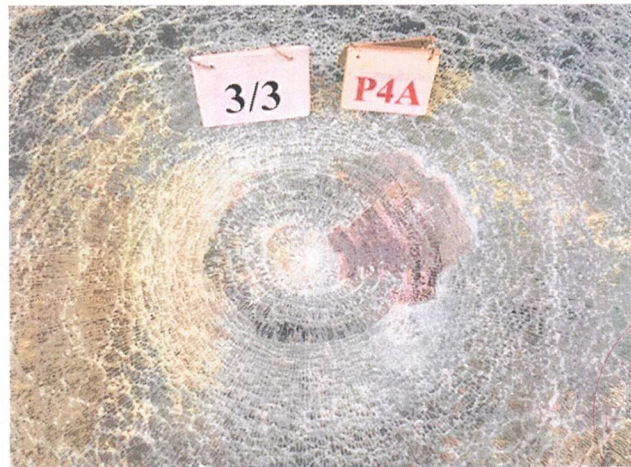
No. : 154A-2 / 2025	Number of pages : 4
	Page No. : 3



test piece No. 1 after 3rd impact



test piece No. 2 after 3rd impact



test piece No. 3 after 3rd impact



No. : 154A-2 / 2025	Number of pages : 4
	Page No. : 4

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

Distribution list :

2 x MADICO, Inc.

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

Test report was approved by :

end of the test report


Michal Hnilička

