

IMPACT TESTING ON SAFETY GLAZING MATERIAL

Rendered to:

GLAS-WULFMEIER GMBH
Eckendorfer Strasse 45-47
D-33609 Bielefeld
Germany

Report No: 92729.03-301-37
Test Date: 06/02/09
Report Date: 07/21/09

Sample ID.: Prototype 5/16" Tempered Transparent Glass
Samples Obtained from Manufacturer: Glas-Wulfmeier GmbH - Bielefeld, Germany
Size Classification: Unlimited
Lab Temperature: 71°F
Duration of Pre-Conditioning @ 65 - 85°F: 72 Hours
Test Size: 34" wide by 76" high
All test specimens were destroyed by test or by our personnel and have been disposed of as trash.

Impact Tests: (ANSI Class A / CPSC Category II)

| Spec. No. | Test Standard | Thickness, inches | Impact Drop Height, inches | Test Results, grams | Acceptance Criteria, grams | Pass / Fail Results |
|-----------|---------------------------------|-------------------|----------------------------|---------------------|----------------------------|---------------------|
| 1 | ANSI Z97.1-2004 | 0.315 | 48 | 17 | 130 | Pass |
| 2 | ANSI Z97.1-2004 | 0.316 | 48 | 18 | 130 | Pass |
| 3 | ANSI Z97.1-2004 | 0.316 | 48 | 22 | 130 | Pass |
| 4 | ANSI Z97.1-2004 | 0.316 | 48 | 11 | 130 | Pass |
| 5 | CPSC 16 CFR 1201 ⁽¹⁾ | 0.316 | 48 | 20 | 130 | Pass |

¹ Effective July 1977

Conclusion: Meets the requirements of the referenced standards.

For ARCHITECTURAL TESTING:

Kenny C. White
Laboratory Manager

Scott T. Swaltek, P.E.
Senior Project Engineer

KCW:he/alb

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Revision Log

| <u>Rev. #</u> | <u>Date</u> | <u>Page(s)</u> | <u>Revision(s)</u> |
|---------------|-------------|----------------|-----------------------|
| 0 | 07/21/09 | N/A | Original report issue |