# Notice

Since the production of this document, Solar Gard has been purchased by Saint-Gobain Performance Plastics Corporation. Solar Gard is now a subsidiary of Saint-Gobain. All references within this document to Bekaert, Bekaert Specialty Films or Bekaert Specialty Films LLC, including but not limited to legal notes, copy and or copyrights are null and void. All rights and responsibilities expressed or written within this document have been transferred from Bekaert Specialty Films, LLC to Saint-Gobain.

The company name in the following report could not be retroactivly changed from Bekaert to Solar Gard. The integrity of the product represented in the test has not changed and the results for this product are still valid. As the test is update the new report will reflect the Solar Gard name.

Saint-Gobain Performance Plastics
4540 Viewridge Avenue
San Diego, CA 92123 USA
Tel: 877 345 3478
E-mail: info@solargard.com
www.solargard.com

Solar Gard®
SAINT-GOBAIN

Architectural Testing

# IMPACT TESTING ON SAFETY GLAZING MATERIAL

Rendered to:

BEKAERT SPECIALTY FILMS, LLC
4540 Viewridge Avenue
San Diego, California 92123

Report No: 65031.08-122-37
Test Date: 10/13/06
Report Date: 11/10/06
Revision 1: 03/21/07

Sample ID.: Solar Gard 8 mil Clear 1/8" Annealed Glass with Film Backing

Size Classification: Unlimited

Lab Temperature: 67°F

Duration of Pre-Conditioning @ 65 - 85°F: 48 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 Cat. II)

| Spec. No. | Test Standard | Thickness, inches | Impact Drop Height, inches | Observations | Results |
|---|---|---|---|---|---|
| 1 | ANSI Z97.1-2004 | 0.127 | 48 | No penetration after impact | PASS |
| 2 | ANSI Z97.1-2004 | 0.130 | 48 | No penetration after impact | PASS |
| 3 | ANSI Z97.1-2004 | 0.125 | 48 | No penetration after impact | PASS |
| 4 | ANSI Z97.1-2004 | 0.128 | 48 | No penetration after impact | PASS |
| 5 | CSPC 16 CFR 1201 | 0.127 | 48 | No penetration after impact | PASS |

**Conclusion**: Meets the impact and weathering requirements of the referenced standards.

***Note:*** *Weathering test results (3000 hours of Xenon-Arc exposure: ASTM G155) can be found in ATI Report No. 65031.10-122-37.*

For ARCHITECTURAL TESTING, INC.:

Benjamin M. Eveler
Digitally Signed by: Benjamin M. Eveler

Benjamin M. Eveler
Technician I

Scott Swaltek
Digitally Signed by: Scott Swaltek

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

BME:bme/nlb

130 Derry Court
York, PA 17406-8405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com

## Revision Log

| Rev. # | Date | Page(s) | Revision(s) |
|---|---|---|---|
| 0 | 11/10/06 | N/A | Original report issue |
| 1 | 03/21/07 | One | Added weathering data reference to report |