

IMPACT TESTING ON SAFETY GLAZING MATERIAL

Rendered to:

SAINT-GOBAIN SOLAR GARD, LLC 4540 Viewridge Avenue San Diego, California 92123

Report No:	C6555.01-401-37
Test Date:	05/30/13
Revision 1:	01/09/14
Report Date:	06/13/13

Sample ID: Solar Gard 8mil – 1/4" Annealed Glass with Film Backing

Samples Obtained from Manufacturer: Saint-Gobain Solar Gard LLC

Lab Temperature: 76.5°F Size Classification: Unlimited

Duration of Pre-Conditioning @ 68 - 85°F: 4 Hours

Specimen Size: 34" wide by 76" high / Impact Test

All test specimens were destroyed by test or by our personnel and have been disposed of as trash. Testing in accordance with ANSI Z97.1-2009, CPSC 16 CFR 1201, CAN/CGSB 12.1-M90.

IMPACT TEST: (ANSI Class A / CPSC Category II)

Spec		Thickness	Impact Drop Height, inches	Test Results ¹	
No.	Test Standard	inches		Observations	Pass / Fail
1*	ANSI/CAN	0.233	48	6" x 5/16" opening at impact location	Pass
2	ANSI/CAN	0.233	48	No opening	Pass
3*	ANSI/CAN	0.233	48	No opening	Pass
4	ANSI/CAN	0.233	48	No opening	Pass
5*	CPSC 16 CFR 1201 ⁽²⁾	0.232	48	No opening	Pass

¹Acceptance Criteria: No shear or opening through which a 3" sphere can freely pass with 4 lbs force.

²Effective July 1977

³ An asterisk indicates film was on the interior side for impact

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 C9680.01-106-37.

For ARCHITECTURAL TESTING, INC:

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Revision Log

<u>Rev. #</u>	Date	Page(s)	Revision(s)
0	06/13/13	N/A	Original report issue
1	01/09/14	1	Conclusion details and weathering data notes
1	01/09/14	1	Sample ID name

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