



**IMPACT TESTING ON SAFETY GLAZING MATERIAL**

Rendered to:

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

Report No.: E6788.01-106-37  
Test Date: 04/03/15  
Report Date: 04/15/15

Sample ID: Solar Gard® Armorcoat® 8 mil

Glazing Description: 4 mm film-backed transparent glass

Samples Provided By: Saint-Gobain Solar Gard - Largo, Florida

Lab Temperature: 21°C

Duration of Pre-Conditioning @ 21° - 22°C: 24 Hours

Test Size: 876 mm wide by 1938 mm high

All test specimens were destroyed by test or by our personnel and have been disposed of as trash.

*Note: Impacted from the film side only with film clamped in frame.*

**Impact Tests: (EN 12600:2002)**

Impact Level	Drop Height	Spec. No.	Impact per Spec.	Thickness <sup>1</sup> (mm)	Observations	Fragment Weight (grams)	Performance Classification
3	190 mm	1	1	4.10	Did not break	--	--
		3	1	4.11	Did not break	--	--
		4	1	4.12	No openings	--	--
		8	1	4.11	Did not break	--	--
2	450 mm	1	2	4.10	No openings	--	--
		3	2	4.11	No openings	--	--
		5	1	4.10	No openings	--	--
		8	2	4.11	Did not break	--	--
1	1200 mm	2	1	4.07	No openings	0.8	1(B)1
		6	1	4.11	No openings	--	1(B)1
		7	1	4.09	No openings	9.6	1(B)1
		8	3	4.11	No openings	2.0	1(B)1
Acceptance Criteria: All detached pieces to weigh no more than 24.95 x lite thickness (mm)							

<sup>1</sup> Thickness shown is the combined thicknesses of the glass and film

**Conclusion:** Meets the impact requirements of EN 12600 classification 1(B)1.

**Closing Statement:** Architectural Testing, Inc., an Intertek company ("Intertek-ATI"), will service this report for the entire test record retention period. Test records that are retained such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation will be retained by Intertek-ATI for the entire test record retention period.

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For INTERTEK-ATI:

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Todd M. Wilt  
Senior Technician

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Christian E. Lapadat  
Program Manager

TMW:cel/jas

### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	04/15/15	N/A	Original report issue