

## Acrovyn 4000 Wall Panel Load Testing – Sure Snap™



February 23, 2017  
 Revision 1: March 27, 2017

Mr. Dustin Gardner  
 Construction Specialties, Inc.  
 Research and Development  
 193 Miller Avenue  
 Montgomery, Pennsylvania 17752

Dear Mr. Gardner:

Architectural Testing, Inc., an Intertek company ("Intertek-ATI"), was contracted by Construction Specialties, Inc. to evaluate the load strength of the Sure Snap™ System. Testing was performed onsite at the Construction Specialties facility in Montgomery, Pennsylvania.

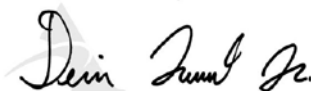
The specimens were evaluated in accordance with a client derived test method for load capacity.

Three Sure Snap™ System Panels were used to determine an average failure load for the set. All panels were mounted as described in the product description section of this report. A high strength suction cup was attached to the face of the panel for mounting. The entire system was then mounted to a tube steel frame using clamps to accommodate testing. A large carabiner clip attached to a steel chain was then attached to the high strength suction cup and pulled using a double action pneumatically actuated cylinder which was connected to a calibrated dynamometer. Specimens were tested with an average pull speed of 0.86 in/s in a horizontal plane.

Specimen No.	Load at Failure (lbs)
1	60
2	80
3	80
<b>Average</b>	<b>73</b>

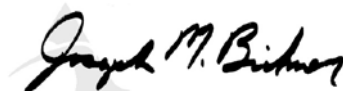
*Reference should be made to Intertek-ATI Report No. G7349.09-106-47 for complete test specimen description and results. This summary alone is not a complete report.*

For INTERTEK-ATI:

  
Digitally Signed by: Dennis Fassnacht  


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Dennis Fassnacht Jr.  
 Technician I  
 Components / Materials Testing

  
Digitally Signed by: Joseph M. Brickner  


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Joseph M. Brickner  
 Laboratory Supervisor  
 Components / Materials Testing

DMF:jmb/kf  
 cc: G7349.09-106-47