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Acrovyn 4000 Wall Panel Shear 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 shear 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 shear 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 steel plate was mounted to the top of the panel using two 3/8 in. bolts through 1/2 in. diameter holes. The plate was centered along one edge of the panel with the holes drilled 2 in. in from the edge. 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 steel plate 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.	Maximum Load (lbs)*
1	460
2	480
3	400
Average	**447**

Reference should be made to Intertek-ATI Report No. ***G7349.07-106-47*** *for complete test specimen description and results. This summary alone is not a complete report.*

For INTERTEK-ATI:

Digitally Signed by: Dennis Fassnacht

Dennis Fassnacht Jr.
Technician I
Components / Materials Testing

Digitally Signed by: Joseph M. Brickner

Joseph M. Brickner
Laboratory Supervisor
Components / Materials Testing

DMF:jmb/kf
cc: G7349.07-106-47

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