

TEST REPORT SUMMARY

Rendered to:

FAIRWAY BUILDING PRODUCTS, LP
P.O. Box 37
Mount Joy, Pennsylvania 17552

Date: December 31, 2008

Scope: Structural Performance Tests Conducted on Columns

Product: 8 in square by 9 ft long, Aluminum Reinforced Vinyl Column

Test Dates: August 1, 2008 and August 14, 2008

Structural performance testing was performed on 8 in square vinyl columns reinforced with 3-1/4 in diameter aluminum pipe as reported in Architectural Testing Report No. 84245.02-119-16.

Axial Load Test Results: Test loads were concentric axial compression on 108 inch long columns. Average ultimate load of three replicate specimens was 20238 lb. All failure modes were column buckling near mid- height.

Uplift Load Test Results: Test loads were concentric axial tension on 20 in long column sections attached to aluminum die cast brackets. Average ultimate load of three replicate specimens was 908 lb. All failure modes were lateral screw displacement in the vinyl post sleeve.

Refer to Architectural Testing Report No. 84245.01-119-16 for a comprehensive report with full details of the column test specimens, brackets, procedures and results.

For ARCHITECTURAL TESTING:

Matthew C. Holloway
Senior Technician
Structural Systems Testing

David H. Forney, P.E.
Senior Project Engineer
Structural Systems Testing

DHF:dhf/alb
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