

Technical Bulletin #4

Testing Results

The following are results of the various tests* performed on various Cedar Valley panel styles by certified engineering and test laboratories.** These tests utilized current calculations and the required ASTM criteria.

Wind Uplift testing (ASTM E330- wind uplift test criteria)

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| 1) 1-Course panel, 5.3-inch exposed shingle, blind nail application, 5/16-inch thick shingle.
mph | 191 |
| 2) 1- Course panel, 5.3-inch exposed shingle, blind nail application, ½ inch thick shingle.
mph | 191 |
| 3) 1-Course panel, 7 1/8-inch exposed shingle, blind nail application, 5/16-inch thick shingle.
mph | 171 |
| 4) 1-Course 14" Mansard panels 16" O.C. nailing | 184 mph |
| 5) 1-Course 14" Mansard panels 24" O.C. nailing | 152 mph |

R-Value Testing

- | | |
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| 1) Average Thermal Resistance ASTM C 518-91 | 0.96 – R |
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Water penetration test-1/Course panels

- | | |
|---|--------|
| 1) Uniform static air pressure difference testing ASTM E331 (15 minute testing) | Passed |
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Fire Testing

- | | |
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| 1) Cedar Valley "California Stack" 1-Course panels | California SFM 12-7a-1 Fire Test Passed
i. SFM listed BML #8140-2023:0002 |
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Code Approvals

Cedar Valley panels have national & local code approvals including

- 1) ICC-ES #ER-1862
- 2) Florida Building Code #7993
- 3) California State Fire Building Materials Listing Approval #8140-2023:0002



**All test documents available upon request.

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