

TEST RESULTS YOU CAN BUILD ON [molimo.com](https://molimo.com)



**Molimo**<sup>TM</sup>  
Architectural Product Testing

# Pre-construction Mock-Up Testing



Deflection Analysis



Dynamic Test



Indoor Test Wall



Water Penetration

### Equipment

- Indoor test wall (height: 24 feet)
- Outdoor test wall (accommodate any size PMU)
- Telehandler/boom lift/scissor lifts
- Dynamic test equipment
- Blower systems (equipped with airflow measuring)
- Pressure cycling systems
- Water spray systems
- Thermal control systems to simulate specified exterior temperatures
- Hydraulic systems for structural movement

### Services

- Air infiltration/exfiltration
- Water penetration by dynamic wind stream
- Water penetration by static pressure
- Pressure cycling
- Condensation evaluation
- Thermal cycling
- System movement
- Structural loads
- On-site support services
  - Fabrication and machine shop



# Pre-construction Mock-Up Testing

**Pre-construction Mock-Up (PMU) Testing is an essential component of any new construction project.** It allows for the vetting of designs and installation practices before building construction. This critical step demands a capable and equipped test lab. Molimo is that lab.

We offer both indoor and outdoor test walls to accommodate any size project. Also, Molimo possesses all the necessary equipment to construct mock-ups and assist in the installation process. Mock-up testing requires specialized instruments for proper evaluation. Our fully equipped lab can conduct all industry-standard tests. We will also assist in any project-specific test needs that are outside of the standard offerings. Molimo understands that PMU projects present unanticipated needs. For this reason, we maintain a well-equipped machine and fabrication shop that provides the immediate assistance required to keep a project moving, minimizes the time spent on corrective modifications, and delivers results quickly. There is no testing need that we will not accommodate. Molimo is capable and ready for the challenges presented by custom mock-up testing.

**Molimo** is a company built on experience. Together we exceed 350 years of expertise in the building products testing industry. We prioritize accuracy, speed, and integrity.

**Test Results You Can Build On**

### More Molimo Testing Capabilities

- AIR, WATER, STRUCTURAL TESTING
- BLOWER DOOR TESTING
- DECK & HANDRAIL TESTING
- FIELD TESTING
- IMPACT & CYCLING TESTING
- INSULATING GLASS TESTING
- MATERIAL & COMPONENT TESTING
- PRE-CONSTRUCTION MOCK-UP TESTING
- SAFETY GLAZING TESTING
- THERMAL SIMULATIONS



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