

BUILDING & CONSTRUCTION MOCK-UP & CURTAIN WALL TESTING

DETECT DESIGN, FABRICATION, AND INSTALLATION DEFICIENCIES
BEFORE BREAKING GROUND

The integrity of a building's envelope depends on the performance of its curtain wall, and to ensure that it is designed properly and functions as required, Intertek offers comprehensive mock-up testing facilities across the US and Canada.



Encounter and resolve potential problems without the costly expense and additional pressure of halting a project during construction. Rarely does everything go right the first time, by conducting testing on a mock-up, you have the opportunity to make corrections and modifications prior to setting anything in stone.

With the world's largest mock-up facility, indoor test chambers, and industry leading test equipment, no project is too big or too small. In addition to our experience testing to AAMA, ASTM, ANSI, CSA, CPSC, and Architectural Project Specifications, we can develop customized test conditions to measure any other performance attributes you desire.

We have the expertise to design and specify tests for a wide range of mock-ups and conditions, allowing us to serve a diverse set of clientele. Having worked with the world's most prestigious architects and construction firms, we have earned the trust to provide them with the insight necessary to validate curtain wall performance.

Where have we been?

Validate the performance and integrity of your curtain wall & exterior façades and feel assured that with over 1,000 mock-ups tested in the last 10 years, we have the industry track record and expertise you want.

- Metropolis
- Cleveland Health Education Campus
- CHOP Ambulatory Care Center
- Penn First
- Golden State Warrior Arena
- 11 Times Square
- Hong Kong Airport
- Hudson Yards
- NASA Langley Research Center
- National Gallery of Art – East Building
- Smithsonian NMAAHC
- Stanford University Medical Center
- World Trade Center Transportation Hub
- 150 North Riverside
- 610 Lexington Avenue
- FBI Miramar



BUILDING & CONSTRUCTION

MOCK-UP & CURTAIN WALL TESTING

Products tested

- EIFS
- Standard Curtain Walls
- Masonry Walls
- Unitized Curtain Walls
- MCM/ACM Panel Facades
- Project Specific Systems
- Rain Screens
- Sloped Glazing/Skylight Systems

Product expertise

- Acoustics
- Air infiltration
- Condensation
- Dynamic seismic performance (horizontal/vertical)
- Fire
- Impact safety
- Sealant and gasket durability
- Security vulnerability
- Structural loading
- Thermal cycling
- Thermal transmittance
- Water Resistance (Static & Dynamic)
- Wind resistance
- Witnessing

No other lab offers as comprehensive of mock up and curtain wall testing capabilities across North America like Intertek. With the ability to provide a variety of other complementary services, we are your one solution to get your project completed.



Building better together

Over the last few years we have grown significantly through the acquisition of leading industry organizations. Starting in 2005, we purchased Texas-based Omega Point Laboratories (OPL) expanding our fire testing capabilities. In 2013, Architectural Testing, Inc. (ATI) joined the family expanding our reach into the building sciences market and adding to our fenestration, thermal, and acoustic capabilities. Most recently, both the Materials Testing (MT) Group and Professional Service Industries, Inc. (PSI) became a part of Intertek in 2015. The additions of these two organizations has allowed Intertek to expand our services further downstream taking our services out of the lab onto the construction site.

As we have grown, we have been able to leverage the most desirable qualities of each organization while increasing our service offerings and creating a better customer experience. With each expansion of the Intertek family, our partners have been able to benefit from the synergies inherent with expanded capabilities, gain further access to global and domestic markets, and access a more comprehensive suite of services throughout the building and construction project life cycle.

Built on legacy

Intertek's Building & Construction division stands on the shoulders of giants. Our history of innovation, growth, and expanded services comes from a legacy of leading industry organizations whose spirit and culture continue to drive our desire to serve our clients ever better.



FOR MORE INFORMATION

 1.800.WORLDLAB

 icenter@intertek.com

 intertek.com/building