I. Air, Water, Structural Testing

- **AAMA/WDMA/CSA 101/1S.**
- **ASTM E283** - Determining Rate of Air Leakage through exterior Windows, Curtain Walls and Doors under specified uniform static air pressure difference
- **ASTM E330** - Structural Performance of exterior Windows, Doors, Skylights and Curtain Walls by uniform static air pressure
- **ASTM E331** - Water Penetration of exterior Windows, Doors, Skylights and Curtain Walls by uniform static air pressure
- **ASTM E547** - Water Penetration of exterior Windows, Doors, Skylights and Curtain Walls by uniform static air pressure

**AAMA Gold Label Certification Program**

II. Thermal Testing & Simulation

- **AAMA 1503** - Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections
- **ASTM C1199** - Standard Test Method for Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Methods
- **NFRC 100 / 200 / 500** – NFRC testing for U-Value, SHGC and air infiltration
- **NFRC 102** – NFRC procedure for hot box thermal U-value testing

**NFRC Thermal Certification Program**

**AAMA is our IA for this program**

III. Impact and Cycling Testing

- **AAMA 506** – Voluntary Specifications for Hurricane Impact and Cycle Testing of Fenestration Products
- **ASTM E 1886** - Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impact by Missile and Cyclic Pressure
- **ASTM E 1996** - Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricane
- **TAS 201** – Florida code test for impact
- **TAS 202** - Florida code test for uniform static air pressure testing
- **TAS 203** – Florida code test for cyclic wind pressure load testing

**Florida State-wide Product Approval System**
IV. Blast Testing

- **AAMA 510** - Voluntary Guide Specification for Blast Hazard Mitigation for Fenestration Systems
- **ASTM F1642** - Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings
- **UFC 4-010-01** - Minimum Antiterrorism Standards for Buildings
- **GSA TS-01** - Standard Test Method for Glazing and Glazing Systems Subject to Dynamic Overpressure Loadings

**AAMA Security Fenestration Certification Program - Architectural Testing Inc. is the Administrator for this program**

V. Acoustical Performance Testing

- **AAAMA 1801** - Voluntary Specification for the Acoustical Rating of Windows, Doors and Glazed Wall Sections
- **ASTM E90** - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- **ASTM E1425** - Standard Practice for Determining the Acoustical Performance of Windows, Doors, Skylight, and Glazed Wall Systems

**Architectural Testing Inc. Acoustical Certification Program**

VI. Insulating Glass

- **ASTM E2188** - Standard Test Method for Insulating Glass Unit Performance
- **ASTM E2189** - Standard Test Method for Testing Resistance to Fogging in Insulating Glass Units
- **ASTM E2190** - Standard Specification for Insulating Glass Unit Performance and Evaluation

**IGCC/IGMA Insulating Glass Certification Program**