

Decorative Options. Guarantee of Quality.

Colors That Add Distinction

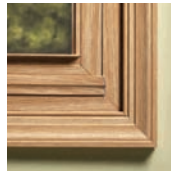
High Performance and Impact Windows are available in decorative options to fit any look, any need, and any design. Start by selecting beautiful white or beige or a light oak, dark oak or cherry woodgrain interior to finish and complement your window exactly the way you want.



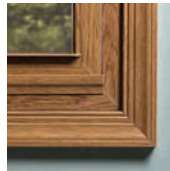
White



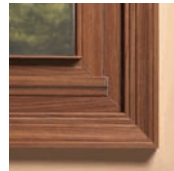
Beige



Light Oak



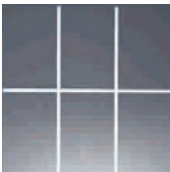
Dark Oak



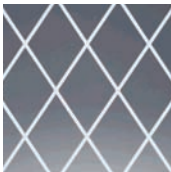
Cherry

Interior Grids

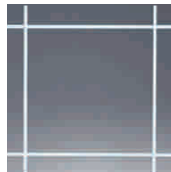
Classic grids are available in complementary white or beige, in Colonial, Diamond, Prairie and Double Prairie patterns. Contoured Colonial grids feature an authentic modeled “cut wood” look and are available in complementary colors and in matching woodgrains. We also offer narrow Colonial grids with a bright-brass finish. All grids are enclosed within the insulated glass unit for easy cleaning.



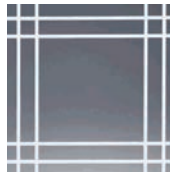
Colonial



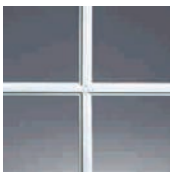
Diamond



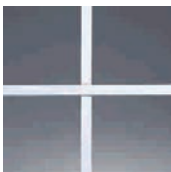
Prairie



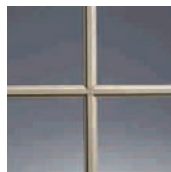
Double Prairie



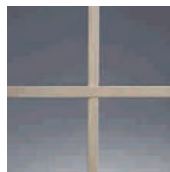
Contoured White



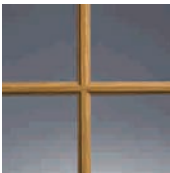
Colonial White



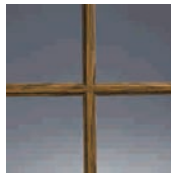
Contoured Beige



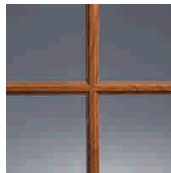
Colonial Beige



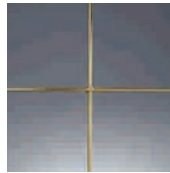
Contoured Light Oak



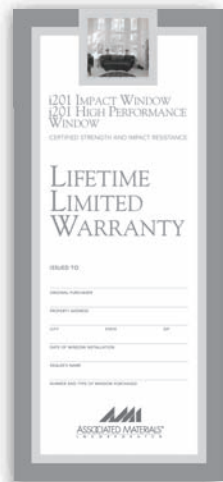
Contoured Dark Oak



Contoured Cherry



Narrow Brass



Guarantee of Quality

Impact Windows and High Performance Windows are manufactured by Associated Materials Incorporated (AMI), a recognized leader in product innovation, manufacturing excellence and uncompromised quality control. That’s a reputation you can count on, from the day your windows are installed until the day you sell your home. And to make the buying decision easier, AMI backs all Impact Windows and High Performance Windows with highly comprehensive coverage. It’s your assurance that we mean what we say.



Associated Materials Incorporated P.O. Box 2010 Akron, Ohio 44309 1-800-922-6009

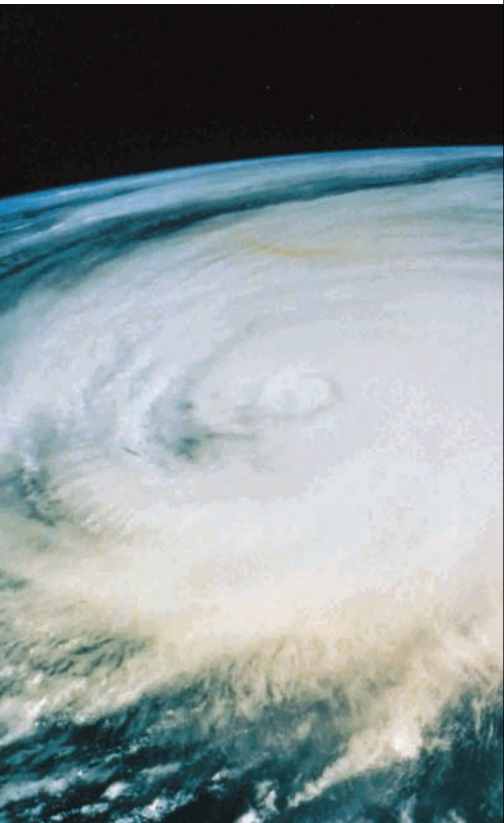
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i201 IMPACT WINDOW i201 HIGH PERFORMANCE WINDOW

FOR RESIDENTIAL AND COMMERCIAL INSTALLATIONS



Comfort and Confidence for Coastal Living.



Proven protection

Tranquil beaches, glimmering ocean water, gentle winds—coastal living uniquely captures nature’s finest gifts. And yet, it can also present some of the most difficult challenges when it comes to weather. The high winds often experienced with coastal living demand careful consideration when it comes to protecting your home from the elements.

Impact Windows and High Performance Windows from Associated Materials, Inc. let you enjoy the beauty and casual luxury of the many coastal regions without compromising your safety. Precision-engineered to withstand extreme wind conditions, our windows are rigorously tested and approved to meet or exceed the stringent building codes required for many coastal areas.



Strength. Protection. Tested and Proven.



An Industry Leader

For more than 60 years, Associated Materials Inc. has provided quality-leading building materials for homes and businesses throughout the country. Our commitment to innovative design, advanced technology, superior craftsmanship and outstanding customer service has defined our legacy. When you choose AMI for your home, you’re getting the exceptional quality and value that only a true industry leader can provide.

AMI Impact Windows and High Performance Windows are built with one goal in mind—to safeguard your home during the most perilous weather conditions. Thoroughly tested for air and water resistance, as well as structural integrity, our windows will deliver unmatched strength and protection against many of the most destructive weather conditions.

The high-performance properties of our windows also mean that you can expect long-lasting beauty and easy upkeep. Quality-crafted with premium grade extrusions, the reinforced heavy-duty sash and mainframe combine classic good looks with outstanding protection and year-round comfort.



Performance Put to the Test.



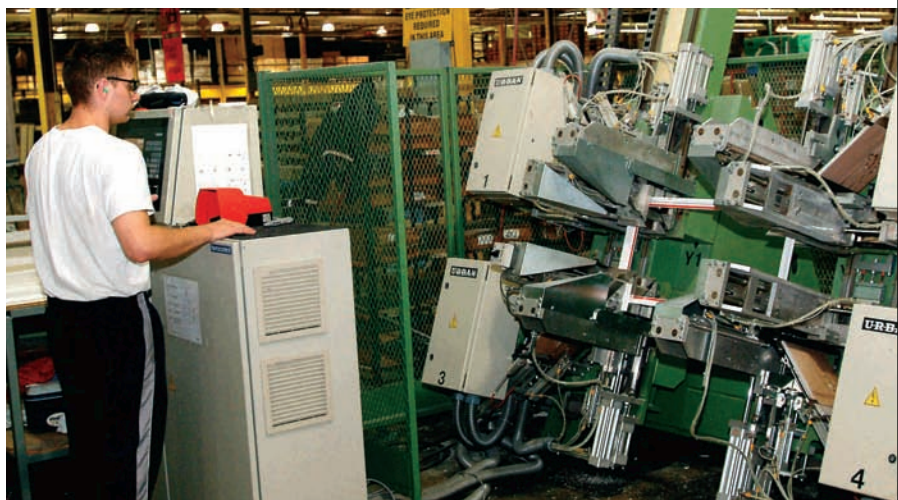
Certification Criteria

For your own safety and protection, building codes in coastal areas are now stricter and more demanding in terms of materials and product performance. To meet or exceed these codes, the i201 Impact Windows and High Performance Windows are built to exacting specifications and put to the test.

Air and Water Resistance

Destructive winds are no match for Impact Windows and High Performance Windows. Using independent American Architectural Manufacturers Association (AAMA)-accredited laboratories, our windows are exposed to extreme wind and vigorous water resistance testing. All windows are tested to ASTM E547 for water resistance and to ASTM E283 for air infiltration, and must meet or exceed performance standards for resistance to air and water penetration.

A voluntary organization with more than 60 years of experience, the AAMA is globally recognized for the development of standards that provide third-party validation of product performance and quality. AAMA-approved program testing is further assurance that you have selected a high-quality window from a respected manufacturer.



Above Left: Heavy-duty fusion-welded corners provide an extra-tight seal and resist damage from hurricane-force wind pressure.

Heat Resistance and Dimensional Stability

Made to exact tolerances and using only the best raw materials, our vinyl extrusions are built to withstand the extreme heat and humidity common to coastal regions. A variety of tests are used to scrutinize stress-related surface changes that may occur due to high heat and humidity. Specifically in the AAMA Heat Resistance Test (AAMA 303.5), our vinyl profiles must endure heat exposure of 300°F without blistering or cracking. In addition, our vinyl extrusions undergo the AAMA Dimensional Stability Test, which measures a vinyl profile's linear shrinkage at an elevated temperature. Critically tested to these standards and other industry criteria, AMI's i201 Impact Windows and High Performance Windows consistently surpass benchmarks for quality and endurance.

Above: A 9 lb. wood 2 x 4 "large missile" is shot separately at both the window glass and sash frame in order to meet the necessary testing criteria.

Large Missile Impact Testing

Will the window survive an extremely hard hit from a large object—such as a heavy 2 x 4? That's the proving ground in this test involving a series of impacts against the window or door from a "large missile"—a 9 lb. wood 2 x 4—calibrated at 50 ft. per second upon release, directed against the glass. After the window passes this test, it is then subjected to positive and negative pressure for 9,000 rapid cycles up to 100% of the design pressure. Every element of this test must be passed to conform to the ASTM E1886 and E1996 testing criteria. The i201 Impact Windows are also tested for air and water infiltration, as well as forced entry to meet the testing criteria of AAMA/WDMA/CSA 101/I.S.2/A440-5.

Model i201

Impact Windows High Performance Windows

Advanced design and quality materials provide the strength and durability of AMI's i201 Impact Window and High Performance Window.

1. Durable vinyl frames and sashes are made tough with virgin vinyl (PVC) resin. Their color is formulated throughout so the beautiful finish lasts.
2. A network of strategic insulating air chambers help to reduce conduction and cut high energy costs.
3. Fully extruded lift rail for ease of operation for top and bottom sash.
4. The 13/16" insulated glass unit of the i201 Impact Window features a 3mm layer of annealed glass, a warm edge spacer system and two more layers of 3mm annealed glass fortified by a layer of 0.090" laminate.
5. Galvanized steel reinforcement for added strength to the exterior of the meeting rail.
6. Interlock at the meeting rail creates a tight seal for security and peace of mind.
7. Fin seal weatherstripping and foam filled bulb seal helps to prevent infiltration at the interlock.
8. Heavy-duty galvanized steel reinforcement on the interior enhances overall window strength.
9. Slim-line sash design for increased glass area.
10. Galvanized steel reinforcement for added strength at the sill.
11. "Dead bolt" locking system at the sill helps sash to absorb impact without bending or collapsing.
12. Compression bulb seal at the sill for added protection from air and water infiltration.
13. Sloped sill forces water to drain to the exterior.
14. Heavy-duty reinforced sash tilt latch helps to secure the sash when closed.

Plus these Additional Features:

- Fusion-welded sash and mainframe structure adds strength and rigidity for the ultimate in window performance.
- Tilt-in top and bottom sash for ease of cleaning.
- Stainless steel constant force balance system ensures years of easy, smooth operation of the sash.
- Fully extruded screen frame and fiberglass screen provide adequate ventilation while keeping insects out.
- Stucco flange option is available.



Above: i201 Impact Window

Left: The non-impact i201 High Performance Window features a 13/16" insulated glass unit with two panes of 5mm annealed glass.

The Proof is in the Performance.

An Invisible, Protective Barrier

By filtering out 99% of UV rays, the AMI glass package using Keepsafe® laminate from Solutia®, helps to protect your carpet, furniture and drapes from the damaging effects of fading caused by the sun.



Additionally, the optional ClimaTech® Insulated Glass Package helps you reduce heating and cooling costs—all year long. ClimaTech features a Multi-Layer Low-Emissivity Glass, the latest advancement in Low-E glass coatings. ClimaTech is created by adding multiple microscopic layers of silver and titanium to the glass substrate. They create a high-performance glass that provides increased energy efficiency. In the summer, ClimaTech Low-E Glass filters



out the sun's long-wave radiation, blocking and reducing heat gain from the sun. In the winter, ClimaTech allows warm solar rays into your home, while keeping the heat from your furnace from escaping.

Created for Peace and Quiet

AMI Impact Windows also offer another very pleasing element. The laminated glass used in the AMI impact window helps to absorb sound, instead of transmitting it. This feature allows for not only peace of mind, but also peace from the daily disruptions of the outside world. This is the same type of glass that is used at airports and recording studios to drastically reduce the ambient noise.

Sound Transmission Ratings

Structure	STC Rating
Cinderblock Wall	45
Interior Wall	36
13/16" Laminated Glass w/DSB	33
13/16" Standard Glass w/DSB	27
DSB Monolithic Glass	25



Complete Product Line

- Double Hung Windows (Model i201)
- Horizontal Sliding Windows (Model i202)
- Casement Windows (Model i971)
- Picture/Fixed Lite Windows (Model i204)
- Sliding Patio Doors (Model 51i5, 51i6 and 51i8)

Performance Testing

- Passes ASTM E1886/E1996 (Missile Level D) for large missile impact resistance (Model i201 with optional impact insulated glass package only)
- Meets or exceeds all AAMA/NWWDA 101/I.S.2-97 and AAMA/WDMA/CSA 101/I.S.2/A440-05 specifications
- Passes ASTM E987 for deglazing
- Passes ASTM E547 for water resistance
- Passes ASTM E283 for air infiltration
- Operable windows pass ASTM F588 and doors pass ASTM F842 for forced entry resistance
- NFRC Certified
- Meets Florida Building Code (FBC) product approval

Frames

- Reinforced heavy-duty vinyl frame
- Frame depth is 3 1/4" for windows and 4 11/16" for doors
- Insulating glass unit is 1 3/16" for windows and 1" for doors
- Muntins between glass for easy cleaning
- Accessories available for field mulling
- Heavy-duty structural mull system to meet all wind speed requirements (exceeds DP50 requirements)
- Stucco flange option available

Glazing

- All products are 100% solid polyurethane glazed for greater strength and seal

Weatherstripping

- Fully weatherstripped with fin seal polyester pile