

Armor Impact Plus™
Hurricane Windows

Exceptionally strong
windows for superb storm
protection, thermal
performance and beauty.



Gorell®
WINDOWS & DOORS

Armor Impact Plus™ (AIP) Hurricane Windows Provide Excellent Storm Protection and Energy Efficiency.

Gorell AIP Hurricane Windows protect homes against airborne debris from strong winds, storms and other forms of violent weather. They also provide numerous additional benefits—they help protect your family from intrusion, block damaging UV rays, make your home safer, deaden sound and help curb home energy costs.

In the event of severe weather, you won't need to do anything with your AIP windows other than to ensure that they're closed and locked. And—unlike windows covered by shutters or plywood—you'll have daylight in your home to cope with the situation when the electricity is out before, during and after bad weather.



These windows easily pass ASTM Large Missile Impact tests. In addition, AIP Windows carry a DP-50 rating in accordance with the American Architectural Manufacturers Association's 101 standard for air, water and structural wind load testing.

The heavy-duty, multi-chambered frame and sash construction of AIP windows—and the thermal

properties of the insulating glass system—also makes them highly energy efficient. You'll experience greater comfort in your home and lower home energy consumption year round.



Gorell is a proud member of the International Hurricane Protection Association.



Gorell Enterprises—2004, 2005, 2006, 2007, 2008 ENERGY STAR® Partner of the Year. 2006, 2007, 2008 Sustained Excellence Award.



Gorell is proud to partner with the National Crime Prevention Council, offering secure, intruder-resistant windows and doors.



Standard Features of AIP Replacement Windows

1. AIP Hurricane Glass System—with three panes of glass and a tough laminated interlayer—provides exceptional protection against airborne debris and other effects of violent weather.
2. Thick-walled, multi-chambered vinyl frame—with all corners fused together at high temperatures for extraordinary strength—has as many as 14 separate internal chambers to provide optimal insulation.
3. Stainless steel constant force balance system gives you fingertip operation on double-hung models.*
4. Automotive-type window glazing—the stronger the winds blow, the tighter the seal.*
5. Easy-to-operate limiting latches allow for ventilation while helping to keep children and your home safer.
6. Double push-button cam sweep locks—with keepers mounted perpendicularly—hold sashes in place during violent weather and also keep your home safer and more secure.**
7. Insulating foam wrap around the frame reduces the likelihood of drafts between the window and any voids in your wall.
8. Insulfil™ foam inside the frame chambers improves energy efficiency.*
9. Special premium-grade weather stripping improves insulation and window performance.



Armor Impact Plus™ (AIP) double-hung model in soft white.

WINDOW STYLES AND CONFIGURATIONS

AIP hurricane products are available in several styles, including double-hung, sliding and picture window models.



OTHER HURRICANE PRODUCTS FROM GORELL

Gorell also offers AIP windows for new-construction applications—with unique features such as integral nailing fins, locking pivot bars and integral J-channels.



Armor Max Plus™ (AMP) windows offer 140-mile-per-hour (Level “D”) hurricane protection, so they can be installed anywhere—even right on the coastline.



Gorell's 6400 Series hurricane sliding doors are DP-50 rated and are also tested and approved for Large Missile Impact.



10. Gorell's high-performance Low-E coating and argon between the glass panes ensure that AIP windows are ENERGY STAR® qualified.



11. PPG Intercept® warm-edge spacer system reduces energy loss through the glass.



12. Easy-pull tilt latches on double-hung models let you “tilt in” sashes to make window cleaning a breeze.



13. Gorell's special-formula vinyl is known for its exceptionally clean, smooth surface that keeps AIP windows looking beautiful for decades.



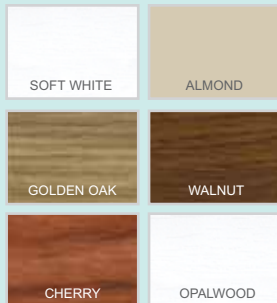
* Features not visible in photograph because of their location inside window frame.

**Standard on most models.



INTERIOR COLOR OPTIONS

Soft White, Almond, and several woodgrain finishes provide a distinctive, attractive appearance that will complement the style of any home.



Give Your Home a Unique, Personalized Appearance.

The sleek profile and classic design of AIP windows and doors will make your home noticeably more beautiful. There's no need for shutters or plywood boarding, which detract from your home's appearance and cost you money and time. In addition, AIP windows are manufactured in a myriad of pleasing colors, sure to enhance the look of any home. You also have an array of other options to choose from to have your windows give your home a unique, personalized look.

EXTERIOR COLORS

An array of beautiful color finishes allows you to coordinate or contrast your windows to the exterior colors of your home.

EXTERIOR COLOR OPTIONS



Printed images of colors vary, so please ask your window professional to see actual samples.

SOLARSHINE™

This specialty glass stays cleaner longer because its unique coating loosens and breaks down dirt, and because water "sheets" off the glass instead of beading.



INTERNAL GRIDS

Finely detailed contoured internal grids—in traditional, distinctive brass and diamond patterns—give windows the look of divided lites—yet AIP windows are easy to clean because the grids are between the glass panes.



SPECIALTY SHAPES

Choose from a myriad of specialty-shaped designs—including half round, full circle, trapezoid, octagon, cathedral and many more.



National ENERGY STAR® Partner of the Year every year since 2004.

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