Securing & Beautifying Homes And Businesses Since 1954

WILLARD SHUTTER COMPANY INC.

ISLANDER SHUTTERS • ACCORDION SHUTTERS • ROLL UP SHUTTERS • REMOVABLE STORM PANELS • SCREENS

CALL TOLL FREE 1-800-826-4530 • FAX 305-638-8634
Manufactured To Take Just About Whatever Man Or Nature Throws Their Way.

Family owned and operated since 1954, Willard Shutter Company has been a trusted leader in the shutter, awning and screen industry. With an outstanding reputation for high quality workmanship and engineering excellence, Willard continues to proudly manufacture expertly designed products that provide ease of operation, minimal maintenance and maximum durability.

High-quality Willard products have been tested and proven to withstand the most extreme weather conditions such as hurricanes, snowstorms and salty, humid coastal environments.

Manufactured to exacting specifications to meet or exceed the nation's toughest building codes, Willard shutters, awnings and screens also provide numerous security and aesthetic benefits.

The Willard Product Line:

**ISLANDER SHUTTERS**

The introduction of the roll-formed Willard Islander all-aluminum louvered shutter in 1965 marked the beginning of an exciting new concept in architectural design and superior wind resistance capabilities. Manufactured with new louvers to capture the charm and sophistication of traditional wooden shutters, the Islander panel is adaptable for use on most residential, commercial, institutional or military buildings. Imaginative architects and designers are continually creating new arrangements using Islander shutter panels. Its durable construction ensures a longer lasting maintenance-free life. It looks like wood and lasts a lifetime!

**FOLDING ACCORDION SHUTTERS**

Willard Shutter Company also offers a variety of the finest Accordion Shutters providing the utmost degree of hurricane and storm protection. These quality shutters can be secured from the inside or outside and provided with key locks to offer additional security. Willard Accordion shutters are ideal for high-rise apartment complexes, condominiums, storefronts and homes.

**ROLL-UP SHUTTERS**

Available in a variety of configurations to suit most applications, this shutter can be used for storm protection, security, privacy, sunshade, and insulation. The roll-up shutter system can be installed on the exterior of existing walls or integrated (concealed) into the wall when designed into new construction. The system may either be manually or electrically operated.

**REMOVABLE STORM SHUTTERS**

Willard Removable Storm Shutters, made in your choice of galvanized steel or aluminum, offer economical protection during storms and hurricanes. Easy to install and custom engineered to specifications, Willard Removable Storm Shutters have been proven to withstand flying debris and water penetration from high winds and hurricanes.

**AIRLINE AND AIRWING AWNINGS**

Willard's streamlined aluminum awnings offer protection from the sun's heat, glare, wind and rain. Designed to fit windows, doors, patios and porches, they are available in standard and winged modes. Both easily close down and convert to effective storm and hurricane shutters.

**ECONO-SPAN SCREENS**

The Willard Econo-Span Screen System is comprised of roll formed louver that snap firmly into "double grip" posts. Economically priced and easy to install, Willard Econo-Span Screens are especially practical for concealing unsightly roof-top HVAC equipment, designing new building exteriors or refacing existing facades.

Willard Shutter Company, Inc.
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305-633-0162
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CUSTOM DESIGN:
Willard products are custom manufactured to your requirements at no extra cost. They can be fabricated to any width and any height according to specified product limitation.

COLORS:
Roll-formed materials are available in 10 colors and extruded materials are available in 4 colors. High-temperature polyurethane custom coatings are available upon request.

USES:
WEATHER CONTROL:
Shutters and screens offer protection from wind, rain, sleet, snow and other inclement weather conditions.

SUN CONTROL:
Installed outside the window Willard products eliminate sun glare, minimize heat build-up and facilitate the free movement of air.

VISUAL CONCEALMENT:
Islander’s louvered design is especially practical when used as a privacy screen to conceal rooftop air conditioning units or unsightly mechanical equipment.

NOISE CONTROL:
Willard louvered screen products reduce the sound levels of noisy equipment.

AESTHETIC:
The Islander’s traditional design is more attractive than ordinary industrial louvers. The Pitched Louver models and Flat Picket styles also allow you to create imaginative building exterior appearances to otherwise ordinary structures.

Call for FREE architectural samples and color chips.
Islander Shutters

Quality built to withstand the most extreme environmental conditions such as hurricanes, salt air and high humidity, energy-saving Islander aluminum shutters are ideal for use on homes, apartments, condominiums and townhouses. Also an excellent sun control device, Islander Shutters are highly effective in reducing solar heat build-up over windows, porches, carports and similar areas. Islander Shutters are especially practical for covering sliding glass doors and enclosing terraces, patios and balconies.

Willard Islander Shutter Specifications

General
Shutters shall be the all-aluminum Islander style as manufactured by Willard Shutter Co., Inc., Miami, Florida, where indicated and as detailed on drawings.

Colors for Islander Shutters

Construction
Shutters shall consist of a series of 1-3/4" wide fixed louvers inserted into interlocking box-beam frames, 1-5/8" thick and 2-1/2" wide. Louvers shall be rolled with a converse beveled edge and spaced in 1-1/4" height increments. Louvers may span a maximum 26", at which point an additional box-beam shall be required as an interior frame support (mull). Each box-beam shall be packed with expanded polystyrene foam to firmly receive the louver and add structural soundness to the frame. Heavy duty extruded aluminum I-beams shall be inserted into box-beam for additional reinforcement as required.

Materials
Box-beam and louvers shall be 3004-H136 roll-formed aluminum, .025" thick. Foam shall be 25-plast expanded polystyrene insulation to meet federal specifications HH-1-52-a. I-beam inserts shall be 6063-T6 extruded aluminum. .062" typical wall thickness.

All fasteners shall be self-tapping stainless steel machine screws or blind rivets, aluminum alloy 2024-T4. Hedges, hinge, tube supports, tie-down strap, and camelbacks shall be aluminum alloy 6063-15.

Finish
Box-beam frame and louvers shall be roller-coated baked enamel in a medium gloss as selected from manufacturer's standard colors.

Willard Shutter Company, Inc.
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Islander Bahama Shutters

Providing privacy, sun control, weather protection and security, Islander Bahama Shutters are not only functional but attractive for commercial applications such as banks, schools, and other institutions. Since their traditional design is more attractive than ordinary industrial louvers, imaginative architects and engineers are continually creating fresh uses and arrangements including designing new building exteriors or refacing existing facades.

*The Willard Islander Shutter is manufactured in standard production sizes or can be custom-made to your exact requirements. See "Willard Aluminum Colors/Properties" Showcase for Islander color chart, on the Sweet's Group Web-Site.*

**OPERATION**

Shutters shall include a continuous, reversible, extruded aluminum header as a top-hinged mounting device. Shutters shall be supported by means of telescopic adjustable arms, or fixed arms with the shutter projected up to a maximum angle of 44 degrees.

The arms shall connect to rod brackets on the underside of the shutter and to the camblacks mounted to the existing structure. The shutters shall include arms which can be disconnected to facilitate lowering the shutter into the closed position (or the shutters shall include arms which are attached permanently in order that the shutter may remain in a fixed position at all times.)
**Islander Decorator Shutters**

Willard offers the finest high-quality Islander Decorator Shutters with real louvers. Beautifully finished with low goss paint, this attractive non-functional fixed shutter bears an uncanny resemblance to real wood, eliminating costly maintenance problems such as warping, rotting and frequent refinishing. Shipped complete with all necessary hardware, Islander Decorator Shutters are available with tabs on top and bottom or holes in corners for easy installation.

**Islander Hinged Shutters**

Expertly designed and engineered to meet the requirements of the nation’s toughest building codes, eye-appealing Islander Colonial Hinged Shutters provide the durability to withstand hurricanes force winds. Installed beside windows, Islander Colonial Hinged Shutters easily swing closed and can be locked to discourage unauthorized entry and vandalism. They are available in single and double-lowered designs.

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**Operation**

Hinged shutters shall be mounted on aluminum hinged hardware to swing closed and lock securely by means of an aluminum horizontal lock bar. Shutter shall be held back in the open position with a nickel plated brass friction catch device.
Islander Sill Track Rolling Shutter

Manufactured with louver which closely resemble real wood, all-aluminum Sill Track Rolling Shutters allowingly provide privacy, sun control and weather protection. They close simply by rolling the shutters along top header and lower track to the center and fastening with the supplied flush bolts.

Islander Standard Rolling Shutter

The all-aluminum Islander Standard Rolling Shutters close simply by rolling the shutter across the top header to center, and fasten with the supplied stainless steel screws.

OPERATION

Sill Track Rolling Shutters shall slide across extruded aluminum header at the top on nylon rollers attached to the shutters. A lower track shall guide the vinyl coated brass pins at the bottom of the shutters. Shutters shall be secured with stainless steel latches which drop down through hole in aluminum sill.

Standard Rolling Shutters shall slide across extruded header at the top on nylon rollers attached to the shutters. The shutters shall be secured at the bottom with appropriate hardware through aluminum tie down brackets.
Folding Accordion Storm Shutters

With just a touch of your finger, Willard Folding Accordion Storm Shutters lock securely from the inside to keep wind and rain out and give burglar-proof safety. Especially ideal for high-rise apartments, condominiums and storefronts, these tough, durable folding shutters allow the enjoyment of a screened porch or balcony all year-round by reducing unwanted sun or cold winter winds.

If desired, extra covered vents can be installed to provide light and vision.

Willard Shutter Company, Inc.
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Willard Folding Accordion Shutters are manufactured from heavy aluminum extrusions with .125" thick hearsers, the finest quality stainless steel carriers and nylon wheels to offer years of maintenance-free service.

For the prevention of pitting and corrosion, these durable, long-life shutters are also electrostatically painted with modified acrylic/polyester enamel applied over pre-treated aluminum, then baked at 350 degrees.

Each painted aluminum shutter passes standard tests as recommended by ASTM and AAMA 603.8. Folding Accordion Shutters are available in white, bronze, ivory and beige.

**Operation**
Willard Folding Accordion Shutters shall open and close along extruded aluminum header on nylon rollers mounted on stainless steel carriages. The shutter shall be secured with manually operated aluminum locking rods through holes in header and sill. Shutter can also be secured with key lock assembly.

**Willard Shutter Company, Inc.**
429 N.W. 35th Ct, Miami, Florida 33142
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Roll-Up Shutters come with all aluminum frame-work and are available in FVC, foam-filled aluminum, and extruded aluminum slats.

Available in a variety of assembly configurations to suit any application requirement. Willard Roll-up Shutters can be effectively used for storm protection, privacy, security, sunshade and insulation in cooler climates.

Operation can be manual - using a hand crank from the interior or exterior - electrically operated, or a combination of both. Also offered is a variety of electronic accessories such as remote controls, timers, and weather and light sensors to customize your shutter system to satisfy today's modern architectural designs.

Willard Roll-up Shutters are offered in a variety of colors.

Two types of assembly systems are available: Side Frame System ideal for export and retrofit applications, and the Bracket System used in custom applications and new construction. Both systems utilize only the highest quality components and fasteners available in the industry today.

For your convenience, our in house engineering staff is available to assist you in developing the system best suited for your requirements.

Willard Shutter Company, Inc.
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OPERATION:

Willard Roll-Up Shutters open and close by operation of an axle tube suspended in an overhead shutter housing. When open, the rolling shutter curtain uniformly wrap around the axle tube. When closing, shutter shall roll off axle tube and close securely to existing sill or structure provided. The shutter shall be guided by aluminum side rails on both sides. The axle tube can either be driven from interior or exterior by manual gear and crank, electric motor, or a combination of both. Storm bars shall be used as vertical reinforcements on wide spans when additional wind loads are required. Storm bars shall be permanent or removable.
Removable Storm Panels

Willard Clip-Lock Removable Storm Panels are precision, roll-formed structural panels available in various gauges of aluminum or galvanized steel for use over glass doors, windows and storefronts. This system generally incorporates a header and sill track to allow easy installation and removal. These panels provide protection from storms and security from vandalism.

**ALUMINUM HEADER & SILL:**
Headers fasten to existing walls, cantilevers or ceilings. Sills fasten to existing walls, slabs or floors. Both header and sills may be manufactured for permanent or removable installation. They are available in clear anodized or electrostatically painted white or bronze.

**OPERATION:**
Removable Storm Shutters shall be installed by inserting storm panels into pre-installed header and attached with spring tempered stainless steel clips into clip lock sill. Alternatively, washer wing nuts can be used to hold storm panels firmly to studded angle, which can be used as both header and sill. For direct wall mount, keyhole washers and machine screw anchors may be used in place of header and sill.

**STORAGE:**
Willard Removable Storm Panels stack approximately 10 panels per inch of space.

Islander Screens & Econo-Span Screens

**WILLARD ISLANDER SCREEN PANELS**
Willard's Islander Screen Panels offer an attractive method to conceal air conditioning units and other unsightly and noisy equipment on rooftops. They also make an excellent sunscreen installed over windows or set out from a building as vertical panels.

**WILLARD ECONO-SPAN SCREEN SYSTEM**
The Willard Econo-Span Screen System is available in three styles for concealing roof top equipment. It is economically priced and easy to install. The horizontal styles offer a choice of 22.5° or 45° pitched louvers and snap firmly to vertical stringers. The picket style features vertical louvers which snap firmly to horizontal supports.

**For more information regarding screens, please refer to our screen brochure.**

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