

8700 Hurricane Guard™ Horizontal Rolling Window

The choice for those who want the convenience of a horizontal rolling window plus the strength and protection of **Hurricane Guard™** technology.



Features and Benefits:

Brass rollers with stainless axle for ease of operation.

Tubular extruded rails reduce bowing of panels.

Removable sill track provides easy cleaning access.

Single plane weathering eliminates gaps that could permit air leakage.

Jamb and vent lock stiles are both weathered to provide the most efficient method of defense against air and water penetration.

Extruded aluminum glazing bead provides a strong, clean and neat appearance.

Gated weep hole protective cover allows water to escape while preventing insects from entering.

Profile aluminum extruded muntin matches the muntins of our other impact products for visual appeal.

Frame depth is 2 5/8" making it a practical depth to match most commonly available buck sizes.

Colonial design featuring profile aluminum muntins on exterior, and flat applied muntin on interior.

Specifications:

Maximum Size	53 7/8" x 63", 72" x 60"
Configurations	XO, OX
Maximum Design Pressure	Per Notice of Acceptance
Glass Thickness	5/16"
Glass Components	Per Notice of Acceptance
Muntin	Profile Exterior/Flat Interior
Frame Color	White; Bronze
Frame Depth	2 5/8"
Miami-Dade County Notice of Acceptance – Refer to Lawsonwindows.com	



Impact Resistant Windows & Doors by **Lawson**

8700 Hurricane Guard™ Horizontal Sliding Window

General Information

Rolling window shall be 8700 Series as manufactured by Lawson Industries, Inc., Medley, Florida USA and shall conform to A.N.S.I./A.A.M.A. standard 103.3-93, for HS-C 43, A.A.M.A. 1302.5-76 for forced entry resistance, and F.B.C. TAS 201, TAS 202 and TASA 203.

Construction

All window members shall be of commercial quality 6063 aluminum hardened to T5 and T6 temper. All frame members shall have a minimum dimension of 2 5/8", cut and fabricated to form a tight butt or telescoped joint. All frame corners shall be joined by two #10 sheet metal screws. Vertical meeting tails shall be of tubular construction, and attached to horizontals with two sheet metal screws per joint. Vent rails shall also be of tubular design, and contain integrally extruded pull rails. Vent lock rail shall be fitted with weathering bulb vinyl to seal vent to jamb of frame. Weathering at jamb shall also contain poly-propylene pile with transparent vinyl fin. Each vent rail shall contain two 3" long spring loaded claw latches that engage with full length jamb lip to provide positive, secure latching.

Finish

Exposed aluminum shall be coated with an electrostatically applied organic finish meeting the performance requirements of A.A.M.A. 603.5 for pigmented coating. Coating shall have a minimum of 1.0 mil dry film thickness in a white or bronze color.

Hardware

Sash shall roll on two .437 diameter brass rollers with stainless steel axles. A removable sill track shall permit easy

access to sill mounting holes. Dual gated weep hole baffles shall reduce "blow back" of water resulting from gusting winds. Vents can be removed from interior for glass cleaning, when vent is in the unlocked position only.

Muntins

When specified, tubular aluminum extruded muntin and flat aluminum interior muntin shall be applied to glass in multitude of standard and custom configurations.

Glazing

All frame and sash members shall accommodate annealed laminated glass in nominal thickness of 5/16". Glass color shall be as specified. Optional heat-strengthened glass is available upon request. A variety of glazing compounds shall be used to structurally adhere glass in its pocket. A snap fitted aluminum glazing bead containing a compressible vinyl bulb shall be factory applied from the exterior to con seal, and protect the glazing pocket.

Insect Screen

All half screens shall be of rolled aluminum tubular profile, and can be applied from the interior without using tools. Screens shall be held firmly in place by integrally extruded stops in sill, and meeting rail. Mesh fabric shall be 18" x 16" dark grey fiberglass. Mesh shall be resplindable with plastic material.

Weather Stripping

Double weather stripping throughout unit shall be water resistant poly-propylene pile, and virgin PVC vinyl.

Test Data

Performance data shall comply with Florida Building Code for impact-resistant product. Consult Lawson web site for specifics: www.lawson-industries.com.

Lawson reserves the right to modify product without first giving notice, and bears no liability for product changes.



Impact Resistant Windows & Doors by Lawson