

Westwood 250 (Casement, Awning & Hopper) vs. *Luxury Window Series*

We invite and encourage careful examination of the data provided herein. We want to be 100% accurate. If any errors are discovered, please forward this information to the Vice President-Sales/Marketing. An immediate investigation will be made to determine its veracity.

Key Sightlines - Most views are enjoyed with windows in a closed position, which leaves the true divided lites members (TDL), and perimeter framing as the key sightlines.

Westwood

- The perimeter frame dimensions, when in a closed state, measure 2 7/8" to accommodate the larger vents.
- The standard TDL extrusions are 2 5/16".
 - OPTION: For an even smaller TDL sightline (as small as 1"), consider Fleetwood's Newport 2000 Steel Look (SL) Series window.
- Snap on glazing stops are typically on the vent exterior for optimum 'sleek' interior appearance.

Luxury Window

- The perimeter frame dimensions, when in a closed state, measure 4 3/8".
- Snap on glazing stops are typically on the vent interior making them a distraction when viewed 'up close' at the interior.

Hardware Quality - Handles, locking mechanisms, strike plates, rollers and sash balances are components often overlooked when making final decisions. We believe these "little things" are critical. If your product does not operate efficiently for many years it might as well be a fixed window.

Westwood

- The Westwood casement and awning windows come standard with Stainless Steel roto operator arms and gears which are operated with a folding crank handle.
- For more details on all hardware choices select this link: [Hardware Link](#)

Luxury Window

- The Luxury casement window is a manual operated vent and is not offered with roto gear hardware. The arms and strike plates are made of zinc die cast and common steel. *Expect this to be a mistake anywhere near the coast..*
- The Luxury awning comes standard with common steel arms and gears which are operated with a roto gear crank. *Expect this to be a mistake anywhere near the coast.* Similar to the Westwood, Luxury does provide stainless steel 4-bar concealed hinges.
- The standard latch is single plastic latch that is operated by one lever. *The plastic latch is an effort to better the hardware in coastal applications but this material is too weak for long term success.*
- The company boasts of USA manufacturing but the hardware being used is Asian based. *Future replacements of this hardware may be a challenge.*

Fit & Finish Aspects - Windows are best enjoyed when looked through, not at and we believe they ought to fit into the architectural landscape rather than draw attention.

Westwood

- The Westwood frame, vent and glass stops are a basic linear design.
- Surface mounted the butt hinges only show the knuckle section.

- Optional 4-Bar Hinges are totally concealed. Concealed hinges for a casement are available in the Everest 850.
- Insulated glass spacers come standard as dark bronze anodized to cut down glare.
- Extruded aluminum screen frames are finished to match window extrusions.
 - Mounted to the face with barrel clips.

Luxury Window

- The Luxury frame, vent and glass stops are a basic linear design.
- Surface mounted the butt hinges only show knuckle section.
- The insulated glass spacer is a reflective silver metal which is framed by black glazing vinyl making unnecessarily busy contrast. *This shiny material also generates glare and more heat.*
- The LARGE black plastic weep slot covers distract from the finish.
- Inside glass stops. *This method of glazing brings the glass stop seams to the interior and brings long term leak protection into question. See the Performance Capabilities below.*
- At the time of this publication screen information was not available.

Energy- For the purposes of this comparison we consider heat/cold transfer (u-value) and direct sun heat (short wave radiation) as the key factors in determining the energy benefits.

Westwood

- Thermally broken vent & frame extrusions = excellent NFRC u-value ratings
- Thermally broken vent & frame extrusions = excellent condensation resistance (frost climates)
- Thermally broken vent & frame extrusions = excellent resistance to radiant heat (sunbelt climates)

Luxury Window

- Does not offer thermally broken windows.

Green- Without question, the Westwood family of projected window is greener than most in the United States.

Westwood 250-C, 250-A and 250-H

- Thermally broken perimeter frame AND panels offer ultimate energy efficiency in an aluminum window.
- The steadiness of aluminum during temperature changes reduces energy consumption.
- 1" Insulated glass with many high performance glass options.
- Constructed with naturally abundant aluminum bauxite (8% of the earth's crust).
- Manufactured with high recycled content of post consumer aluminum (40%-50%) and glass (varying %).
- 100% of the aluminum remnants are recycled.
- Long life cycle because of the enduring nature of aluminum, leaving a small footprint.
- Lifetime finish if maintained.
- Factory baked finishes = No VOCs.

Luxury Window

- Luxury aluminum products offer some of the benefits as the Westwood but since the products are made in China it is not possible to verify authenticity.

Strength & Sizes- The size capabilities determine inherent strength.

Westwood

- The Westwood frame depth is 2 ¼".
- Maximum vent size with insulated glass is 26 square feet, e.g. 45 x 84
- Maximum vent size with ¼" monolithic glass is 26 square feet, e. g. 45 x 84

Luxury Window

- The Luxury frame depth is 1 ¾" which is similar to Fleetwood's Newport 2000.
- Does not publish max size information.

Performance Capabilities- The reality of windows is that they must defend against destructive agents such as rain and high winds.

Westwood

- The Westwood meets an LC-30 with standard hardware.
- With 4-Bar Hinges, the Westwood will meet an HC-40 level.

Luxury Window

- Test information was unavailable at the time of this publication.

Installation & Maintenance- Effective product design should include installation assistance and convenient maintenance.

Westwood

- Installation and assembly screws are stainless steel.
- Exterior positioned snap-on stops allows simple glass replacement.
- The perimeter frame is available with integral Nail-On Fin or Block configuration allowing reliable waterproofing and installation ease.
- Fleetwood publishes detailed Installation Instructions. Copies are printable from the website.
- Fleetwood furnishes detailed Care & Maintenance Instructions online to ensure a long life.

Luxury Window

- Block frame only, no integral Nail Fin. *Difficult to waterproof.*
- Interior positioned glass stops allows simple glass replacement.
- No published Installation Instructions or Care and Maintenance Instructions.

Experience & Commitment to Quality- These are two areas which are often overlooked when deciding upon a window or door product.

Fleetwood

- Making aluminum sliding doors since 1962.
- Market focus = high end luxury homes
- Products produced in one 207,000 square foot building in California.
- Limited Lifetime Warranty on all products.
- Standard custom paint is 70% Kynar.
- Standard bronze anodize is Class I (twice as thick as Class II)
- OPTION: 10 year finish warranty.

Luxury Window

- Opened doors in 2005 as a broker.
- Market focus = offering a Chinese version of successful USA door & window products.
- Products produced in China. US address is "Unit D".
- No published warranty. *"Made In China" is not your assurance of quality.*
- Standard paint and anodizing or unverifiable because of Chinese quality. *Fleetwood offers 'Edge Armor' finishing in 70% Kynar with a 10-year finish warranty. Luxury does not.*