imagine
extraordinary

The Door Doctor
OF SOUTH FLORIDA, INC.
www.TheDoorDoctor.NET

ES-EL100
Single-Hung Window

ES | Elite

The E-Line from ES Windows is the ideal solution for any homeowner who wants to blend comfort with modern design. It features superior thermal performance and an impeccable clean design with no visible installation anchors. A wide variety of options, including fixed, single hung and sliding windows, as well as swing and sliding doors, are available to meet specific design intents and performance needs. The E-Line will satisfy the style needs of the most demanding homeowners.

ES Windows Advantages

- Ideal for single-family homes
- Meets the nation's toughest hurricane requirements for South Florida's High Velocity Hurricane Zone
- Large and small missile impact rated
- Grid styles including colonial, brittany or full view
- Flat, OG and raised grid options available
- Thick aluminum framing for superior thermal resistance and durability
- Framing features, high performing T5 and T6 aluminum alloys
- High-performance energy-efficient Low-E glass options by Tecnoglass
- Heat strengthened glass as a standard feature
- Corrosion-resistant hardware and fasteners as a standard
- Flush and flange frame for retrofit and concrete construction and fin frame for wood construction
- Anodized, painted or wood grains available
- Screens feature aluminum frames and fiberglass mesh

Elite Features

- Single source warranty: in-house aluminum and glass processing
- 10-year warranty on glass
- 10-year warranty on paint finish
- Heat strengthened glass as standard
- Reduced sound transmission
- Superior energy performance and low U-valueswith insulating glass options
- Exclusive corrosion-resistant hardware for coastal areas

ES impact-rated windows will help:

- Protect the integrity of the home during a hurricane
- Improve the energy efficiency of your property
- Reduce exposure to harmful UV rays
- Improve the appearance of your home through architectural styles and finishes
- Improve the resale value of your property
- Meet the insurance eligibility requirements for your home
- Prevent forced entry 24/7
- Reduce external noise
- Reduce heat transmittance

The Elite line of high-quality windows and doors was developed by our experienced team of engineers and designers to meet the needs of homeowners, contractors and homebuilders. We offer durable, efficient and affordable products that withstand the stringent Miami-Dade County protocols.

Windows

ES-EL100
Single-Hung Window

ES-EL150
Fixed Window

ES-EL200
Horizontal Roller / Sliding Window

ES-5000
Casement Window

Doors

ES-EL300
French Door / Swing Door

ES-EL400
Sliding Glass Door

With more than 40 years of experience as a window and door manufacturer, ES Windows has earned a reputation for providing reliable products that meet today's modern aesthetics, with an environmentally friendly combination that helps homeowners reduce energy costs.

Windows

ES-EL100

The ES-EL100 is a single-hung, impact-rated window that easily adapts to any design specification, satisfying the most demanding construction and architectural standards for security, strength and durability.

The ES-EL100 is designed for narrow openings to resist high pressures. Single-hung systems are known for its excellent water intrusion performance.

System Description

- Large missile impact rated
- Frame depth: 2 15/16"
- Configuration: OX
- Designed for laminated, insulating and insulating laminated glass
- Tested water infiltration: 12 psf
- Tested design load: +80/-80 psf LMI
- Maximum size: 53 1/8" width x 76" height
- U-value:
  - 0.64 - IGU (1/8" SB70 Clear + AS + 1/8" Clear + 0.090 PVB + 1/8" Clear)
  - 1.07 - LG (1/8" Clear + 0.090 PVB + 1/8" Clear)
- Insulating laminated glass:
  - 1/8"+ 3/8" AS + 1/8" + 0.090 Interlayer + 1/8"
  - 1/8"+ 5/16" AS + 1/8" + 0.090 Interlayer + 1/4"
- Laminated glass:
  - 1/8"+ 0.090 Interlayer + 1/8"
  - 1/8"+ 0.090 Interlayer + 1/4"
- Egress size:
  - Configurations for egress requirement available
- SHGC:
  - 0.23 on clear insulating laminated SB 70

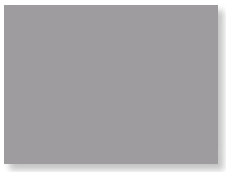
*** Standard sill and 4" sash window stop**

Features

- Block and tackle or ultra-lift balances
- Bottom spring latch or sweep lock
- Flange frame for masonry, fin frame for wood construction or flush frame for concrete opening
- No sill installation screws required
- PVB and SentryGlass Plus interlayer options

Colors and Finishes

Color Options



Silver

Dark Gray

Bronze

Black

White

Hardware Finishes

Bronze

Silver

White

Black

Service

Our engineers and designers provide customers with ongoing assistance and technical support to ensure the best solution for every project. We offer professional guidance to help customers pinpoint and balance their priorities. With this expert assistance, customers can plan and complete projects to achieve maximum benefits.

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Designed for
quality and efficiency

Featured Residential Lines

ES | Prestige

Prestige: designed for sophistication and style. Each piece is carefully manufactured and checked for quality, ensuring full functionality and the ultimate end-user experience. Luxury windows and doors built to the highest specifications meeting our exceptional standards.

ES | Elite

Elite: The E-Line is the ideal solution for any homeowner who wants to blend comfort with modern design. It features superior thermal performance and an impeccable clean design with no visible installation anchors. A wide variety of options, including fixed, single hung and sliding windows, as well as swing and sliding doors, are available to meet specific design intents and performance needs, while satisfying the style needs of the most demanding homeowners.

ES | Multimax

Multimax: developed for multi-family projects with high security measures in collaboration with leading architects and designers.

Certifications

MIAMI-DADE COUNTY

AAMA American Architectural Manufacturers Association

NFRC National Fenestration Rating Council®

Our quality control program is proof of our constant commitment to surpass accepted quality standards. We are certified by the top companies in the industry to ensure that our products and services stay up to date and comply with the stringent rules and regulations of the industry.

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