

imagine  
extraordinary



**The Door Doctor**  
OF SOUTH FLORIDA, INC.

[www.TheDoorDoctor.NET](http://www.TheDoorDoctor.NET)

# ES-EL400 Sliding Glass Door

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-values with 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**

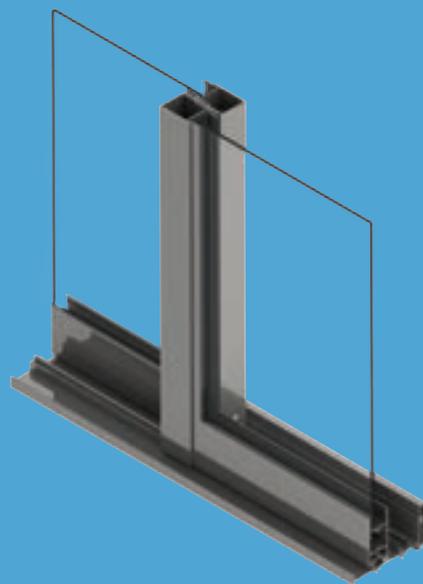
**Sliding Glass Door**

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.



## ES-EL400

The ES-EL400 is a sliding glass door with a 4 13/16" frame profile. This product meets the most stringent specifications, and with its attractive design and one-to-four track frame, is ideal for a wide range of applications.



### System Description

- Large missile impact rated
- Frame depth: 4 9/16" (2 track)
- Configurations: XO, OX, XX, OXO, XXX, OXXO, OXXX, XXXX, XXXOX
- Designed for laminated, insulating and insulating laminated glass
- Tested water infiltration: 12 psf
- Tested design load: +80/-80 psf
- Maximum panel size:
  - 48" width x 120" height
- U-value:
  - 0.57 - IGU (3/16" SB70 Clear + AS + 3/16" Clear + 0.090 PVB + 3/16" Clear)
  - 1.04 - LG (3/16" Clear + 0.090 PVB + 3/16" Clear)
- Insulating laminated glass:
  - 3/16" + 3/8" AS + 3/16" + 0.090 Interlayer + 3/16"
- Laminated glass:
  - 3/16" + 0.090 Interlayer + 3/16"
- SHGC:
  - 0.24 on clear insulating laminated SB 70
- Egress size:
  - Configurations for egress requirement available
- Minimum width for accessibility:
  - OX/XO: 81 5/8"
  - OXO: 123 3/16"
  - OXXO: 93"

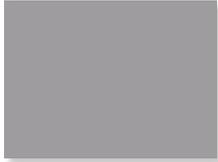
### Features

- Adjustable tandem polyamide needle bearing rollers
- Up to 4-track frame option
- PVB interlayer options and SentryGlas Plus interlayer options
- Pocket configuration available
- Screens available in aluminum frame and fiberglass mesh
- Surface applied OG or flat muntins
- Folding crank handle

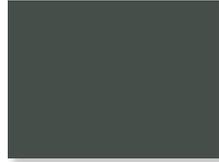


# Colors and Finishes

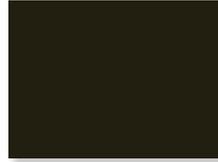
## Color Options



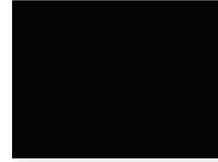
Silver



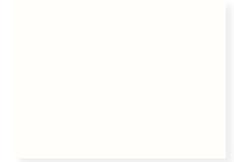
Dark Gray



Bronze



Black

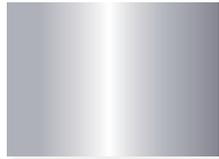


White

## Hardware Finishes



Bronze



Silver



White



Black

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## 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.

# Colors and Finishes

ES-EL400 Crest Slide

## Design Elements

Every Elite window and door benefits from a combination of premium materials, cutting-edge production technology and the talent of an experienced team. All of these result in precise stylish designs that will endure over time.



ES-EL300 Aria



ES-EL400 Malibu



# Engineering and Design

We offer the right solutions for the most complex projects, and respond efficiently to the demands of architects and general contractors. We can deliver reliable, efficient and affordable products, due to a combination of advanced software technology and a leading team of expert engineers and designers, who specialize in aluminum, glass and window systems.

The Elite line provides customers the perfect combination of reliability, design and performance across a wide range of product types. Whether you are looking for noise reduction, temperature control, or protection from extreme weather, our line of products can provide the perfect performance solution, without sacrificing aesthetics.



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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



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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V- Jan 2025

# ES

## ES | Elite

