

# DORMA Automatics

## Sliding Doors



## The DORMA ESA — Proof that style and substance can co-exist in the same door

As one of the most intelligent, efficient, and technologically advanced automatic doors on the market, the ESA provides strength, beauty, and technology all in one package, as well as a continuous self-monitoring control system for an extra measure of safety and efficiency.

### Our header provides a sleek profile

The low-profile, 4.5" x 7.5" ESA header means the doors are installed flush with the surrounding structure — creating a sleek, unbroken sightline that blends the doors into the overall architectural design. In addition, DORMA uses a minimum .125 header thickness —

creating one of the strongest headers in the industry. Capable of a 16' horizontal span, the header is self-supporting with no additional reinforcement needed, allowing for larger spans with less deflection.

### Doors that are seen but never heard

Another exclusive feature from DORMA Automatics is a sound-dampening track. An extruded EPDM rubber profile, located beneath the replaceable aluminum track, muffles sounds caused by friction from door carrier rollers. It reduces operational noise to a mere whisper and stops vibration resonance that can be transferred to building structures.

### Fine Frame design

For elegant and upscale applications, the ESA400 Fine Frame is a perfect marriage of beauty and functionality. Including full breakout capability, the ESA400 combines full view aesthetics with excellent weather-sealing qualities. It's ideal for interior or exterior applications such as high-end retail stores or modern office buildings.

Furnished with 3/8" fully tempered glass panels, this stylish, low-profile framing system uses the same robust commercial operator as other ESA doors.



ESA500 All-Glass



ESA200



ESA200

### ESA models to fit any design

#### ■ ESA100, 200, 300 —

Three intelligent, strong, low-profile ESA models suit different requirements:

- The non-breakout ESA100.
- The ESA200 with fixed sidelite.
- The full-breakout ESA300.

#### ■ ESA400 Fine Frame —

The Fine Frame style is a perfect marriage of beauty and functionality. Also featuring full breakout capability, the ESA400 combines full view aesthetics with excellent weather-sealing qualities.

#### ■ ESA500 All-Glass —

The all-glass ESA500 door has no vertical trim so it offers an uninterrupted horizontal expanse for blending with an all-glass façade.

## The DORMA ESA300T — Automatic telescopic sliding doors driven by proven ESA technology



Full Breakout  
Configuration



### Extra wide clear opening

The ESA300T auto-telescopic door is perfect for corridor applications and openings that require an extra wide clear opening distance. The rugged design utilizes the proven ESA slider drive unit, with an added ultra-rigid extrusion to enable the telescoping action. The compact header, 7-1/2" high by 6-5/8" deep, is exceptionally narrow for a telescopic door and minimizes projection from the door jambs. The overall package can handle widths up to 20'.

### Full breakout design

The ESA300T is a full breakout design completely engineered, manufactured, and assembled by DORMA Automatics. When the door operator components arrive on site, they have been factory-assembled within the header, fully adjusted, and fully tested.

### Programmable microprocessor control

DORMA telescopic sliding doors are controlled by the technologically advanced ESA door system. A self-learning, self-monitoring microprocessor control monitors all critical door functions and safety sensors. Door functions such as opening and closing speed, check locations, and partial open dimensions, are all fully programmable.

### Key Features

- Rugged header and extrusion package for solid and consistent operation.
- Sound dampening gasket that greatly reduces vibration and provides whisper quiet operation.
- Simple and reliable belt-driven design with removable outer track.
- Optional panic bars with Autolock available (included in doors shown above).



ESA400 Fine Frame



The photos above show a DORMA ESA-HP door during the actual testing process. Though the glass is damaged, the object never pierces to the interior side.

## The DORMA ESA200-HP and ESA300-HP Sliding Doors — Hurricane-resistant doors for withstanding nature's wrath

The new DORMA ESA-HP automatic sliding door meets Dade County and Florida Building Code regulations, keeps your building safe and secure, provides smooth and durable operation, and all the while provides an aesthetically pleasing entrance for your place of business.

### Safe and secure inside

DORMA brings you a hurricane door package designed to withstand nature's wrath. Rigorous testing has insured that the DORMA ESA-HP door meets and even exceeds Dade County and Florida Building Code regulations. So while a hurricane rages outside, the

new DORMA ESA-HP door maintains your safety and security inside.

### Durable, attractive design

In addition to the door panel's storm and wind resistance, the ESA-HP has the strongest and most durable header in the industry. By using only .125 thickness header and by creating a diagonally reinforced extrusion package, DORMA can offer a 16' door package without any sag in the panels, and, best of all, with a slim 4.5" x 7.5" header profile that creates a flush sightline inside and out.

To meet the specific needs of your project, you can choose from a variety of breakout configurations and several hurricane-rated tempered glass or stormglass options.

### Technologically advanced

In the ESA-HP, hurricane protection enhances the already advanced ESA technology. All ESA automatic doors combine strength,

beauty, and technology in a single package. Choose the ESA-HP for an automatic door that operates intelligently, efficiently, and quietly — and protects against hurricane forces at the same time.

### Key Features

- Increased security — Superior glass strength and 5-Point Locking System allow non-breakout models to act as security doors.
- Available with 1/4" tempered glass and 5/32" stormglass.
- No unsightly exposed screws-on-glass stops.
- Self-closing — ESA200-HP models come standard with the ITS96 device to return the active panel to its fully closed position after an emergency or incidental breakout.
- Cost-effective — DORMA hurricane-resistant sliding doors decrease costs by eliminating the need for hurricane shutters.

MIAMI-DADE COUNTY  
APPROVED

#### Miami-Dade County, Florida

##### Non-Impact

ESA200	NOA# 06-0518.01	1/11/2012
ESA300	NOA# 06-0518.03	1/11/2012

##### Impact

ESA200	NOA# 06-0518.02	2/01/2012
ESA300	NOA# 06-0518.04	2/01/2012

##### With Panic Bars

ESA300	NOA# 07-0625.03	2/01/2012
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**Tomorrow's  
technology,  
today**

DORMA's powerful new ESA-II controller features significantly higher torque — leading to better control when opening and closing heavy doors, as well as quicker opening and acceleration/deceleration. The new controller can easily handle door panels weighing up to 400 lb.



**Microprocessor  
control for  
constant  
monitoring**

Our microprocessor controller motor-encoder system constantly monitors door position, delivering a higher level of efficiency and safety. DORMA's innovative software provides smooth operation that optimizes performance, ensuring extended product life.



**Adjustment  
Versatility**

An easy-to-read, full text display on the hand-held Palm device provides well defined access to all performance data and parameters. Adjustment and diagnostic processes can be accurately duplicated or customized to meet your specific needs.



**Doors that are  
seen but not  
heard**

Exclusive sound-dampening track — an extruded EPDM rubber profile located beneath a replaceable aluminum track — muffles sounds caused by friction from door carrier rollers, reduces operational noise to a mere whisper, and stops vibration resonance.



## DORMA Entrance Systems™

Providing entrance systems that meet or exceed industry standards while maintaining architectural appeal.

## DORMA Group North America



### DORMA Automatics

A leading innovator of automatic door systems, DORMA Automatics offers products for practically any application: retail, health care, office buildings, airports, hospitality, and more.

### Crane Revolving Doors

The choice of leading architects for commercial and institutional buildings, Crane Manual, Automatic, & Security Revolving Doors can be found in buildings worldwide.



**DORMA Entrance Systems™**  
Pedestrian Flow, Safety & Security

**DORMA Architectural Hardware**  
Providing Safety & Security Around the Door

**DORMA Glas**  
Elegance, Versatility & Beauty

**Modernfold**  
Sound & Space Management

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