



Eliason® Manual & Automatic  
Sliding Doors



# Eliason® Sliding Door Solutions

Eliason® Sliding Door Solutions are modular in design and combine the aesthetic appeal and durability of our custom built sliding door panels with the sophistication and dependability of the Tormax iMotion® 2301 Direct Drive System.

Eliason manual and automatic sliding doors are available in two different panel configurations and with various cladding, window and activation options. Single or bi-parting models are available to suit your application. You can count on Eliason to meet your sliding door requirements and at a reasonable price.

Eliason horizontal sliding doors are designed for applications where double-acting impact traffic doors are not a practical solution. They are well suited for all types of traffic in pharmaceutical or electronics manufacturing, processing areas, packaging and storage areas.



Inside view



Outside view

## SDM-9000 / SDA-9000

Eliason 9000 Series composite sliding doors feature an internal full perimeter, pultruded stile and rail fiberglass frame which is permanently bonded to smooth FRP face sheets. The entire panel is then sealed with a water-born acrylic enamel that is available in 30 standard colors, with custom colors also available. ABS or Kydex face sheets are optional.

Eliason 9000 Series doors feature a polystyrene core or optional expanded polyurethane core, both of which provide excellent thermal and sound abatement properties (R-6 and R-12, respectively). These doors are impervious to moisture, acid, petroleum products, animal fats, rodents, insects and salt solutions and carry a lifetime warranty against corrosion and a 10 year warranty against defects in material and workmanship. Flush windows are available in numerous size and shape configurations. Beveled 2-piece stainless steel or PVC window frames are also available.

## SDM-9017 / SDA-9017

Eliason 9017 Series FRP insulated sliding doors feature aluminum alloy stiles and rails secured with full-width 3/8" galvanized steel tie rods and are clad on both sides with .120" thick pebble grain FRP face sheets, available in a wide range of through molded colors. Panels can also be painted to customer specifications. The 9017 is also available in stainless steel.

Eliason 9017 Series FRP sliding doors are foamed in-place with high density CFC-Free urethane foam, which provides excellent sound abatement properties and an R-value of 3.4. Optional windows are available in a variety of shapes and sizes, and can be supplied flush or with 2-piece beveled stainless steel or PVC frames.

# Eliason® Sliding Doors:

## The **Smart** Choice for Challenging Environments.

### Applications Include:

- Manufacturing
- Warehouses
- Food Processing Plants
- Pharmaceutical Manufacturing
- Electronics Manufacturing

### Benefits:

- Visual Separation
- Environmental Separation
- Sound Abatement
- Security

### Traffic:

- Pedestrian
- Push Cart
- Motorized

### Gasket Seals:

- Upper Track: Brush or Flexible Wiper Seal
- Leading Edge: Balloon Seal
- Back Edge: Wiper Seal
- Bottom Edge: Wiper Seal

### Options:

- Flush Windows
- Protective Plates
- Pull Handles
- Pull Cups

MODEL	OPERATION	PANEL CONSTRUCTION	PANEL EXTERIOR	PANEL CORE
<b>SDM-9000</b>	Tormax Extruded Aluminum Track Manual Slide	Pultruded FRP Internal Frame	FRP with Acrylic Enamel Coating or ABS / Kydex (opt.)	Expanded Polystyrene or Polyurethane
<b>SDA-9000</b>	Tormax Extruded Aluminum Track with iMotion 2301 Automatic Drive System	Pultruded FRP Internal Frame	FRP with Acrylic Enamel Coating or ABS / Kydex (optional)	Expanded Polystyrene or Polyurethane
<b>SDM-9017</b>	Tormax Extruded Aluminum Track Manual Slide	Aluminum Stile & Rail Frame	Textured FRP or Stainless Steel (optional)	CFC Free Urethane Foam
<b>SDA-9017</b>	Tormax Extruded Aluminum Track with iMotion 2301 Automatic Drive System	Aluminum Stile & Rail Frame	Textured FRP or Stainless Steel (optional)	CFC Free Urethane Foam

## Standard Track & Trolley System

All Eliason sliding doors (manual or automatic) operate on an extruded heavy duty anodized aluminum track system with heavy duty trolleys and are available in either single panel or bi-parting configurations.

## Tormax Direct Drive System (Optional):

Powered by the Tormax iMotion® 2301 Programmable Direct Drive System for fast, smooth, dependable operation. Standard safety features include auto-reverse and frame mounted infrared safety beams. Optional activation devices, horns, buzzers and battery back-up are also available.

## Tormax Non-Corrosive IP.65 Direct Drive System for Dust & Jet Waterproof Applications

- IP.65 Drive System is equivalent to the American standard NEMA 4/4x
- Available in standard and heavy duty direct drive configurations
- Dust-proof and jet waterproof
- Non-corrosive: complete with AISI 316 stainless steel trolleys and return pulley
- Direct Drive System enclosure fabricated from 316 marine stainless steel
- Liquid-tight bulkhead fitting for cabling
- Seawater protected

### Color Options

Available in over 30 standard colors, Stainless Steel, or custom finishes. See your Eliason rep for more details.

Gray

Beige

Hunter Green

Burgundy

White

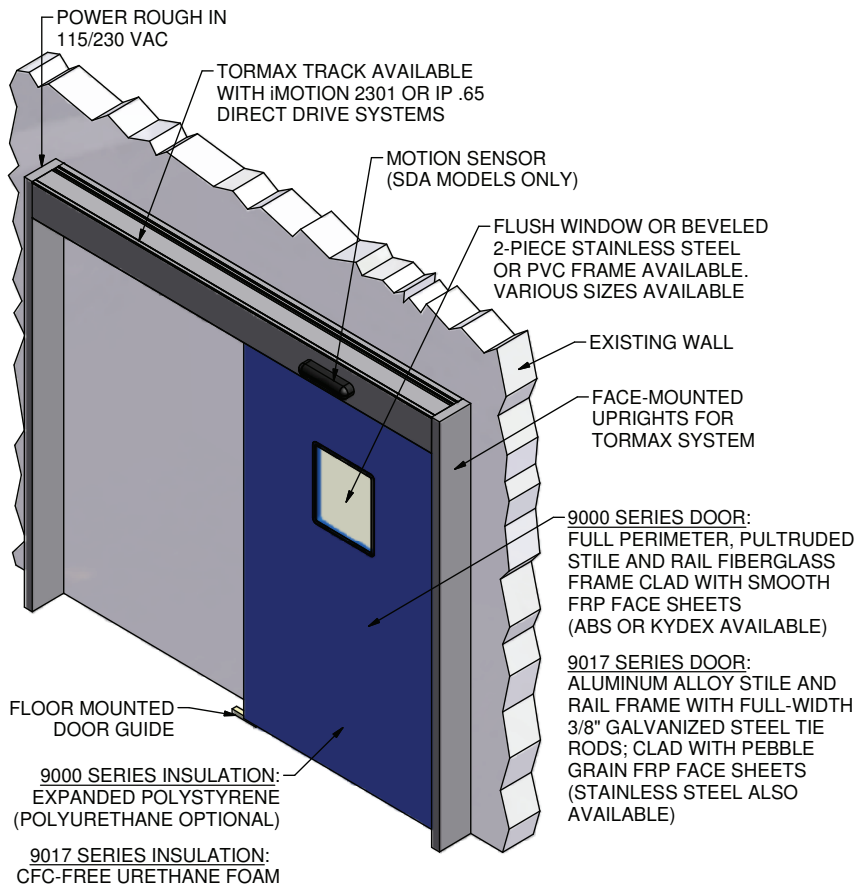
Navy Blue

Stainless Steel

# Whatever your needs, we have you covered.



Model SDA-9017 in Stainless Steel finish.



## iMotion® 2301 Direct Drive

Created for long lasting efficiency and performance. The Tormax iMotion 2301 direct drive system features a high speed, high torque 1/4 HP AC synchronous motor. The direct drive system has no gears to wear, no leaking oil or grease. No motor brushes, commutator or couplings to replace. The direct drive system is extremely quiet in operation and offers advanced auto diagnostics.



## Function Control Panel

Changing the operating characteristics and door parameters is a simple task with the Function Control Panel. Standard with automatic slide door systems, the door can be field adjusted to meet any operating condition.

## Delta III

The Delta III active infrared door sensor provides a large motion and presence detection pattern. The Delta III sensor features a safety zone in the threshold and sidelights that are always on. The size and shape of the detection pattern can be easily adjusted to match almost any application.



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