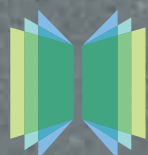


THE ELIASON® CF-9000 SERIES

Specify Eliason Doors for the Most Challenging Applications



ELIASON®

Eliason CF-9000 Corrosion Resistant Doors

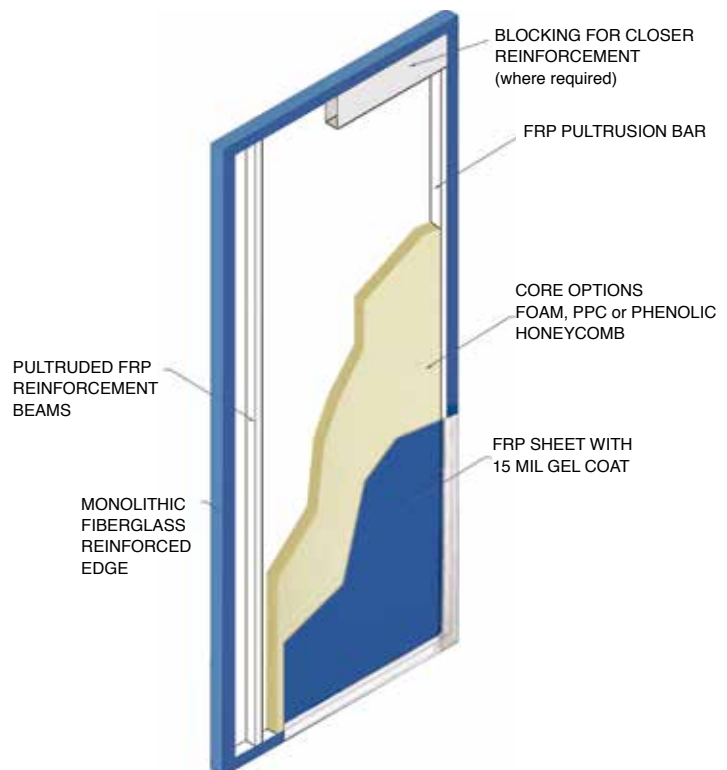


Since 1952, the Eliason® Corporation has been setting the standard for quality door products. We are proud to say that the legacy lives on in our craftsmanship, on-time delivery and total customer satisfaction. The Eliason CF-9000 corrosion resistant door is no exception. Every door is engineered and custom designed to your specifications. All Eliason CF-9000 corrosion resistant doors are covered under a lifetime warranty against failure due to corrosion.

THE #1 CHOICE FOR TOUGH ENVIRONMENTS

Eliason CF-9000 corrosion resistant interior and exterior doors and frames are designed to survive in harsh environments. Constructed of advanced fiberglass composite materials, they will never rot or corrode. The doors feature structural pultruded fiberglass components that are permanently bonded to the face sheets and core material. The entire door panel is seamless eliminating the possibility of delamination. FRP blocking is used for internal reinforcement at the hinge locations, creating a resilient and dependable panel. The CF-9000 door comes with a standard gel coat exterior that can be matte or a fine pebble textured finish.

Eliason CF-9000 corrosion resistant doors feature a foam core for excellent thermal separation and sound abatement properties. Additional cores include: polypropylene honeycomb core (PPC), phenolic resin impregnated honeycomb, or a fire rated mineral core.



ELIASON CF-9000 DOORS ARE PERFECT IN CHALLENGING ENVIRONMENTS SUCH AS:

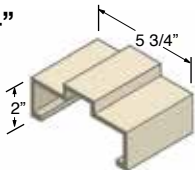
Food Service	Grocery Stores
Food Processing	Hospitals
Institutions	Car Washes
Restaurants	
Schools and Universities	
Commissaries	

Features and Options

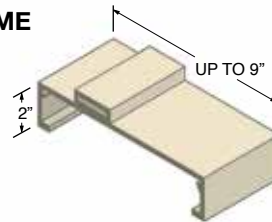
FRAME OPTIONS:

Eliason CF-9000 FRP door frames are available in four beautiful satin color finishes and designed to adapt to many wall construction types including steel, wood or CMU wall construction. The most common frame profiles include 5-3/4" double rabbet, mullion or a variable frame. Contact Eliason for fire rated frames and special frame requirements.

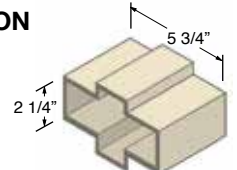
5 3/4"



VARIABLE FRAME



MULLION



LITE KIT OPTIONS:

Eliason CF-9000 doors are available with optional vision panels in various sizes and glazing choices, including lexan, laminated, tempered, insulated and wire glass. Doors can be supplied with a two piece FRP lite kit, with or without the glass installed. These attractive two piece lite kits are secured with no exposed fasteners.

HARDWARE OPTIONS:

Eliason CF-9000 doors are available with virtually any hardware configuration that is available on a standard hollow metal door, including passage and locksets, push/pull and panic devices to name a few. Eliason also offers a variety of hinges including continuous hinges or full mortise hinges that can be set to custom locations or match any manufacturer's locations. Adjustable closers can be attached to either side of the door and are available with optional hold open or time delay features. On certain hardware, a variety of finishes are available including antimicrobial. Contact Eliason for additional information.



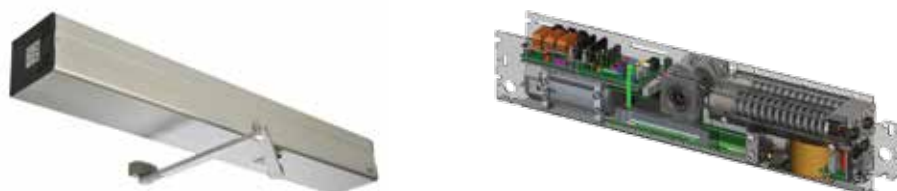
FRP ACCESSORIES:

Optional accessories such as FRP astragals, weatherstrips, transom panels and FRP louvers that utilize an inverted FRP "V" design are also available. Contact Eliason for more information.



OPTIONAL POWERED OPERATION:

Eliason CF-9000 series doors are available as automatic swing doors, powered by the Tormax iMotion® 1301 Swing Door operator (low and high energy). A fully programmable, dual purpose operator with heavy duty mechanics, the iMotion 1301 Swing Door Operator incorporates a powerful, wear free, 1/3 HP AC Synchronous motor with a rack and pinion transmission that is coupled with the intelligent iMotion microprocessor controller. The result is a smooth, whisper quiet, trouble free swing door operator that provides long lasting performance and efficiency. These operators meet ANSI standards A156.10 and 156.19, as well as ANSI/UL 325 & 228 (fire) for both the United States and Canada.



Eliason CF-9000 Fire Rated & Storm Rated Doors

ELIASON CFR-9000 FIRE RATED DOORS AND FRAMES

Eliason CFR-9000 Category B fire-rated doors are designed for interior and exterior applications that require a 20/45/60/90 minute fire rating. Eliason CFR-9000 fire doors and frames have been tested and approved for both neutral pressure and positive pressure by Intertek Testing Services. Eliason CFR-9000 fire doors and frames meet UBC-7-2-1997, UL 10c, UL 10b, NFPA 252 and are labeled by Warnock Hersey for up to 90 minutes.

ELIASON FSR-9000 STORM RATED FRP DOORS AND FRAMES

Eliason FSR-9000 storm rated doors and frames are designed for installations in high wind coastal applications and have received the Florida Building Code (FBC) approval for such applications.

AVAILABLE COLORS:

The CF-9000 door is available in both a fine pebble textured finish or a matte gel coat finish. Eliason stocks the most popular standard colors (white, tan, gray and brown), but has 15 additional pre-matched colors that are available. Contact Eliason for more information on pre-matched colors or custom color options.

Colors may vary, contact Eliason for exact color match



ELIASON DOORS MEET THE FOLLOWING CERTIFICATIONS:

CYCLE TEST

- | | |
|------------------|---|
| AAMA 920-03 | Specification for operating cycle performance of side-hinged exterior door systems. |
| NWWDA TM-7 | Physical endurance of wood doors & associated hardware under accelerated operating conditions. |
| ANSI A250.4-2001 | Acceptance criteria for physical endurance for steel doors, frames, frame anchors and hardware reinforcement. |

ASTM TEST

- | | |
|------------|--|
| ASTM D638 | Tensile strength LW |
| ASTM C365 | Compressive strength LW |
| ASTM D790 | Flexural strength LW |
| ASTM E 84 | Surface burning characteristics |
| ASTM D792 | Density |
| ASTM D696 | Expansion LW |
| ASTM D 635 | Horizontal position burn rate, extent and time |
| ASTM C 518 | Steady state thermal transmission properties by means of the heat flow meter apparatus |
| ASTM C177 | Thermal conductivity PF |
| ASTM E84 | Tunnel test |
| ASTM D 882 | Tensile strength |
| ASTM D 790 | Flexural strength |

FSR-9000 STORM RATED DOOR CERTIFICATIONS

- | IMPACT TEST | (High Velocity Zones Wind pressure 70+/- PSF) |
|-------------|---|
| TAS 201 | Large missile impact |
| TAS 202 | Uniform static air pressure |
| TAS 203 | Cycle wind pressure load |

CFR-9000 FIRE RATED DOOR CERTIFICATIONS

- | | |
|--------------|--|
| UBC-7-2-1997 | |
| UL 10b | Neutral Pressure |
| UL 10c-B | Positive Pressure with Surface Applied Intumescent |
| UL 10c-A | Positive Pressure with Concealed Intumescent |



ELIASON®

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