

Single and Paired Swinging Fiberglass Door Systems

Cleanseal's seamless molded fiberglass swinging door system is designed, engineered and precision manufactured with over 20 years of experience partnering with the leading pharmaceutical companies and architects across the country. With our all inclusive program we can engineer a complete interlock/access control system, packaged with the doors and hardware, to ensure flawless installation and start-up.

Using cutting-edge technology and exacting criteria for quality, Excel swinging doors have surpassed market demands and exceed cGMP, FDA and EMEA requirements. Our quest for uncompromising quality, and our steadfast commitment to meet our customers' ever-changing expectations, is evident in our ability to provide a comprehensive single source for all their door, hardware and integration needs.

Exceptionally Clean

Totally seamless polyester gel-coat finish. Non-porous, non-shedding, and non-absorptive panel surface. Finish withstands fingerprints, fading, and corroding even when using harsh chemicals such as Vesphene, LPH, or SporKlenz. The exclusive mitered corners of the frame are fully welded, even through the throat, then painstakingly ground and polished, exceeding cGMP, FDA and EMEA requirements.

Ultimate Durability

Heavy-duty seamless 16 gauge, fully welded (including the throat) 304 #4 stainless steel frame. The resilient seamless fiberglass panel construction, internal steel frame and backing plates and external stainless steel edge capping, form an unmatched door system.

Tightest Seal

Utilizes a frame mounted, continuous three-sided perimeter gasket, coupled with a bottom sweep gasket and a panel mounted center astragals (Paired swinging door system).

Maximum Security

Variety of electronic and mechanical locking options to meet the strictest FDA/DEA requirements. Cleanseal will design and supply a state-of-the-art interlocking system from a basic two door interlock to an entire production floor.

Complete Turnkey System

Cleanseal provides a complete door system from panel choice, frame design, hardware selection, and interlocking design, to complement any environment. This ensures an uninterrupted process in completing your project by maintaining a single source relationship.

Superior Performance

Time-tested, the Excel door series has proven to be the benchmark for the strictest clean environment production areas worldwide. Over 10,000 door systems installed globally reflects our experience and customer satisfaction.

Unmatched Qualifications

With over 40 years of combined experience, our professional sales consulting team will ensure your mission-critical requirements, while maintaining our uncompromising dedication to quality and value added service.



Single Swinging Fiberglass Door



Paired Swinging Fiberglass Door

Frame Construction

- 16 gauge, 304 #4 stainless steel fully welded and polished (through frame faces and throat.)
- Available in either single or double rabbet construction.
- Prepped for a wide variety of hardware options.

Panel Construction

- 1.75" thick structural seamless molded fiberglass panel with polyester gel-coat finish is non-porous, non-shedding, and non-absorptive.
- High-density closed cell poured-in-place polyurethane foam core.
- All hardware locations reinforced with internal steel backing plates.
- 20 gauge stainless steel edge capping for added protection and durability.
- White color standard. (Other colors available on request.)

Hardware

Grade 1 Architectural hardware standard:

- Hager BB1191 standard weight stainless steel fully mortised hinges.
- LCN 4041 heavy-duty closer.
- Stainless steel push/pull hardware.
- Frame mounted, three-sided bulb type perimeter gasket, and bottom sweep gasket.

Door Sizes

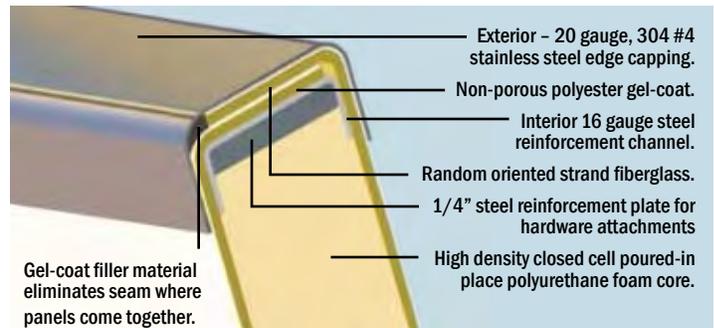
- Single: Up to 4'0" x 9'0".
 - Paired: Up to 8'0" x 9'0".
- (For additional sizes - consult factory.)

Warranty

- One year limited warranty on all components.

Options

- Vision panel with standard sloped frame.
- CleanView® flush vision panel.
- All stainless steel construction available in 316L.
- 14 gauge stainless steel frames.
- Stainless steel clad panel. (Fire rated and non-rated).
- Custom color (consult factory).
- Custom designed interlocking system.
- Hospital stops 4" or 6".
- Stainless steel closer cover.
- Can provide any major lines and grades of architectural hardware.



Seamless Molded Fiberglass Construction

Our exclusive process utilizing polyester gel-coat, offers a fiberglass door that is truly seamless. Cleanseal fiberglass doors are built to a higher standard so they withstand the harshest conditions and still look great year after year.



Fully Mortised Hinges

(Shown on stainless steel door)
Flush mortised hinges provide a clean and smooth finish to the door.



Frame Assembly

Fully mitered and completely welded through the throat. Single or double rabbet.

Additional Features/Options - Power Models Only

Performance Features

- Power operation utilizing an electromechanical operator, microprocessor controlled in 120V, single phase, with mechanical spring close.
- Operator completely enclosed within a 16 gauge 304 #4 stainless steel sloped shroud.
- Overhead presence sensor to provide threshold and swing side obstruction detection.
- Pushplate to open - time delay to close.
- In case of power failure, door can be opened manually at any time.

Options

- Touchless wall-mounted activation switch.
- Actuators: Variety of activation devices available upon request.