

BioSafe® CLEANROOM DOORS



PRODUCT DATA & SUBMITTAL SHEET



Continuous-Seam Welds

Smooth surfaces and corners are easy to clean, ideal for critical biopharmaceutical facilities.



Flush-Mount Dual Pane Windows

Flush mount dual-pane window design simplifies cleaning.



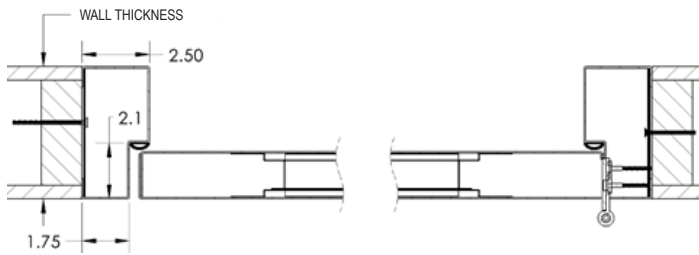
Automatic Door Bottom Gasket

The automatic door bottom helps maintain differential pressure inside the room. A fully concealed drop-down gasket seals the bottom gap when the door closes.



Custom Builds

Terra's BioSafe doors can be built with custom configurations and features.



Specifications

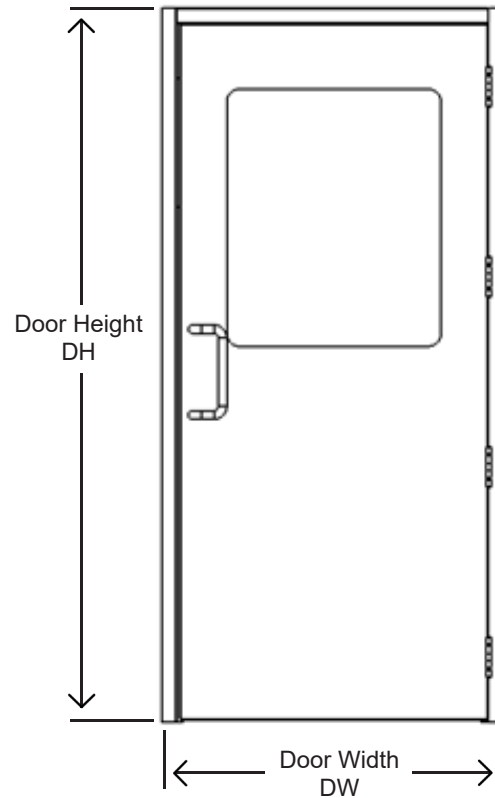
- Frame: 16 gauge fully-welded, single rabbet
- Door Type: Flush
- Door Skin Thickness: 16 gauge
- Door Thickness: 1 3/4"
- Finish: #4 finish
- Material: 316L SS
- Hinges: Doors under 84" Door Height use 4 hinges
- Fire Safety Rating: None
- Leakage Rating: UL 1784
- Core: ASTM C578 Type IV Polystyrene
- Window Pane: Tempered glass
- Hydraulic Door Closer: Adjustable ADA compliant heavy-duty, ANSI Grade 1

GENERAL DESCRIPTION

Terra's BioSafe products are designed for life science applications: no gaps and crevices where microbes can colonize, rounded corners for easy disinfection, won't produce contaminants during sterilization, and exceed cGMP, IEST, ASTM and ISO 14644-1 requirements.

At Terra, we strive to develop and produce the highest quality products for our customers to improve health, safety, performance, and yields. Our product quality is enabled by high-grade manufacturing equipment and processes, 45 years of engineering and application expertise, and our commitment to continuously improve.

- Flush double-glazed window design minimizes surfaces and crevices where contaminants can collect.
- Window consists of two 1/4" tempered glass panes pre-mounted, bonded, and encased in a durable stainless steel frame.
- 316L stainless steel hollow metal door and doorframe combines superior corrosion protection with outstanding design and beauty to meet your strictest GMP, FDA, and cleanroom requirements.
- All door and doorframe seams are welded continuously and ground smooth for a seamless finish, ideal for aseptic applications.
- Door is equipped with a fully concealed drop-down bottom seal that seals the bottom when the door is closed.
- Door comes pre-hung to a frame to allow fast and easy mounting.
- All hardware locations reinforced with internal steel backing plates.
- Heavy-duty stainless steel flush-mounted mortised hinges
- Continuous three-sided perimeter gasket



UNIT CONFIGURATION

Door Height:

- 81"
- 84"
- Custom

Door Width:

- 36"
- 42"
- 72"
- Custom

Door Swing:

- Left
- Right
- Double

Window

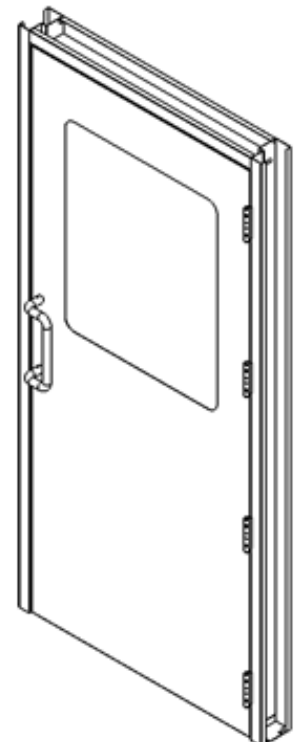
- Full
- Half
- None

Additional Options:

- Premium ladder pulls
- Automatic Operator
- Inactive Door Leaf

Lock Prep Options:

- None
- Cylindrical
- Mortise
- Electromagnetic



Required Rough Opening for Slide-in Frame:
 (DW + 4") x (DH + 2 1/4")
 _____ W x _____ H