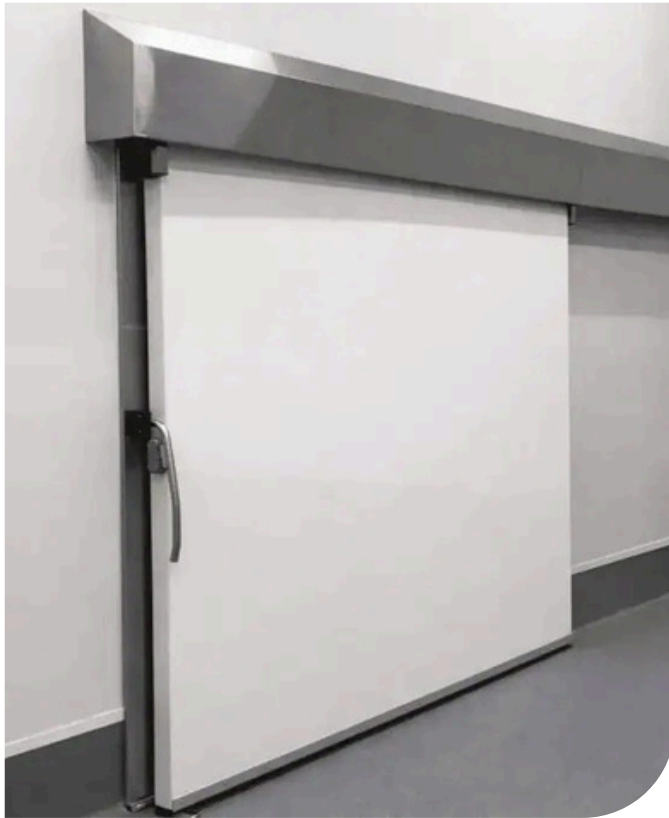


# Ulti GRP Hermetic Sliding Door

## AIRTIGHT PERFORMANCE



Ulti GRP Hermetic Sliding Doors are Glass Reinforced Polyester (GRP) moulded doors, engineered for environments where airtight performance, hygiene and environmental control are critical.

Especially suited to healthcare, pharmaceutical, laboratory and cleanroom facilities, it is a robust, low maintenance solution that helps maintain the integrity of controlled spaces while supporting stringent operational requirements.



### Ideal for use in

- Laboratories
- Dairy Factories
- Hospitals
- Research Facilities
- Pharmaceutical Facilities
- Clean Rooms
- Food Processing Plants
- Infant Formula Plants

### Hygienic by Design

The smooth moulded GRP construction eliminates joints, ledges and crevices where dirt, moisture and bacteria can accumulate. Flush glazed vision panel options and fully welded stainless steel frame systems further support stringent hygiene and contamination control requirements.

### Environmental Control

This precision-engineered sliding door system, incorporates specialist seals designed to minimise air leakage and reduce the transfer of airborne contaminants between adjacent areas. The sliding design maximises usable floor space while supporting pressure-controlled environments, reduces contamination risks and contributes to improved environmental control throughout the facility.

### Built to Last

Engineered for demanding healthcare and cleanroom environments, the Ulti GRP Hermetic Sliding Door delivers a balance of hygiene, durability and sealing performance. Its advanced design supports controlled environments while providing dependable long-term operation with minimal maintenance requirements.

### Customisable

The Ulti GRP Hermetic Sliding Door can be customised with a wide range of frame profiles, glazing configurations, operating systems, hardware options and finishes, ensuring the optimal solution for each application. Manual and automatic operation options are available to suit project-specific requirements.



## STANDARD COMPLIANCE

|                  |                                                                                                          |             |                    |
|------------------|----------------------------------------------------------------------------------------------------------|-------------|--------------------|
| Hermetic Sealing | Yes                                                                                                      | Smoke Rated | Yes (Single only)* |
| Air Leakage Rate | < 0.02 m <sup>3</sup> /h per m <sup>2</sup> @ 20Pa<br>< 0.04 m <sup>3</sup> /h per m <sup>2</sup> @ 50Pa |             |                    |

## TECHNICAL SPECIFICATIONS

|                       |                                             |
|-----------------------|---------------------------------------------|
| Application           | Internal                                    |
| Standard Size         | 2500mm W x 2400mm H                         |
| Minimum Size          | 600mm W x 600mm H                           |
| Maximum Size          | 3000mm W x 2400mm H (300kg max leaf weight) |
| Opening Speed         | Up to 1 m/s. Opening Force – 6 to 25 daN    |
| Closing Speed         | Up to 0.6 m/s. Closing Force – 6 to 15 daN  |
| Operating Temperature | -20°C to +60°C                              |
| Hold Open Time        | 0 – 15s or programmable to fire alarm.      |

## STRUCTURE

|                |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| Leaf Material  | 46mm GRP (Glass Reinforced Polyester) moulded skin with composite core construction |
| Leaf Colour    | White (RAL9016) or Titania (RAL9002) Gel Coat Finish                                |
| Frame Material | Stainless Steel Frame AISI:304                                                      |

## STANDARD INCLUSIONS

|                                                                                          |
|------------------------------------------------------------------------------------------|
| Hermetic Sliding Track System<br>Hermetic Perimeter Door Seals<br>Push Button Activation |
|------------------------------------------------------------------------------------------|

## SPACE REQUIREMENTS

### minimum clearances (see below)

|              |                         |
|--------------|-------------------------|
| Track Length | Leaf width × 2 + 100 mm |
|--------------|-------------------------|

*\*Headroom and side room requirements are project-specific and are to be confirmed by Ulti on the project shop drawings.*

## MOTORISATION

|                          |                           |
|--------------------------|---------------------------|
| Motor                    | 40V DC, 50W Motor         |
| Motor / Control Position | Inside Hood, Closing Side |
| Power Supply             | 230V, 50–60 Hz, 10A Rated |

## SAFETY

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| Standard Inclusions | Presence Detection<br>Emergency Open/Close Monitoring<br>Fail Safe Operation |
| Manual Opening      | Stainless Steel Pull Handle                                                  |

## WARRANTY

|                                                       |
|-------------------------------------------------------|
| 12 Months<br>*Std Warranty terms and conditions apply |
|-------------------------------------------------------|

## OPTIONAL FEATURES

|                   |                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Activations       | Swipe access, foot actuator, radar activation                                                                                                                            |
| Operation         | Fail Secure Operation, Manual Operation                                                                                                                                  |
| Frame Material    | Stainless Steel AISI:316, Powder Coated Steel, Aluminium                                                                                                                 |
| Leaf Colours      | Gel coat finish available in any RAL colour                                                                                                                              |
| Leaf Material     | HPL / Formica, GRP (Glass Reinforced Polyester), Stainless steel (AISI:304 or 316), Steel clad, Aluminum clad                                                            |
| Vision Panels     | 655mm × 455mm (standard option)<br>700mm × 200mm<br>Custom vision panel sizes are available.<br><br>Double or Triple Glazed<br>Glass or Polycarbonate<br>Integral blinds |
| Optional Hardware | Pull Handles, Flush Pulls, Kickplates                                                                                                                                    |

*\*No fire-rated sliding door configurations available. Smoke control available on single sliding door configurations only.*

Specifications are subject to change without notice.

