



Reliable, Innovative, Robust, Durable Door

**Automatic Hermetic Sliding Door**  
Clean Room Door



## Advantages

- Latest design in the industry, includes enhanced features.
- A 3-tier seal on all three sides and a 2-tier seal on the bottom ensure complete hermetic sealing from all four sides.
- This hermetic sealing maintains the necessary positive pressure inside the O.T./Clean Room, minimizing air exchanges.
- The high-quality anodized aluminum and premium HPCL materials are durable, withstanding abrasion during cleaning and sterilization of the O.T./Clean Room door.
- The automatic hermetic door prevents air turbulence, ensuring the sterile environment inside is maintained.
- Self-lubricating, high-quality nylon wheels ensure smooth, noise-free operation.
- The 3-D door movement during closing and 2-D adjustment for wheelchairs ensure optimal sealing and precise adjustment tolerances.
- In case of fire, the door helps stop the spread of smoke, allowing more time for evacuation.
- The lever handle enables easy and smooth opening, while the design accommodates trolleys, wheelchairs, and heavy equipment movement in and out of the O.T./Clean Room.



## Application

- Operation Theaters
- Intensive Care Units (ICU)
- Laboratories
- Sterile Rooms
- Pediatric Wards
- Quarantine Areas
- Clean Room Lobbies
- X-Ray Rooms
- Fluoroscopy Rooms
- Radio Therapy Rooms
- Mammography Rooms
- Pharmaceutical & Food Industries
- Clean Room
- Hospitals



## Preference

- Manual Operation
- Vision glass customized sizes over and above than standard(350x350mm) size
- Mechanical Lock
- Door handle types i.e. Special NA01 type Lever, D-Grip, Flush-Grip
- Door blade with a wide range of colors Choice
- Door blade color matches with inside and outside of the OT/Clean Room Door.

# Specification

## Track:

A high-grade aluminum extrusion profile designed to support doors weighing up to 3000mm x 2400mm, featuring deep indentations to ensure a perfect hermetic seal.

## Canopy:

For HPCL doors: A powder-coated galvanized sheet spans the full length of the track, with a sloping top and closing caps.

**Door Blade:** The door core is 60mm thick and constructed with: For HPCL: 4mm thick HPCL (High-Pressure Compact Laminate) on both sides of the door to provide enhanced strength and rigidity. Chloro Fluoro Carbon (CFC)-free, high-density polyurethane foam (density 40 kg/m<sup>3</sup>), with a thickness of 52mm, for superior insulation.



## Door Profile:

The door core is encased in 2.5 mm thick, high-grade aluminum extrusion profiles with a natural anodized finish of 15 microns. The aerodynamic design of the profiles ensures the door is durable and robust within its segment.

**Gaskets:** The door blade features a 3-tier, specially designed, heavy-duty replaceable EPDM gasket along three sides against the wall frame. The bottom is sealed with a 2-tier heavy-duty EPDM gasket, ensuring a flush fit with the finished floor.

**Vision Glass:** A high-quality, double-glazed flush vision window measuring 350mm x 350mm. Both sides are flush with the door blade for a seamless look.

**Wall Frame:** The wall frame is made of high-grade aluminum extrusion with a natural anodized 15-micron finish. It's a 3-sided blind frame, fixed with cladding on both the inside and outside of the wall cut-out section.

**Cladding:** The wall cut-out section is covered with 1mm thick high-pressure laminate, adhered to a 9mm high-density particle board for additional strength and durability.

**Weight:** The total weight of the complete door blade is approximately 60 kg, with the plank and track assembly also weighing around 60 kg.

## Colors Option



Sky Blue (NA01)



Island Blue (NA02)



Ink Blue (NA03)



Grey  
(NA04)



Cream Yellow (NA05)



Olive Green (NA06)



Kiwi Green (NA07)



Champagne (NA08)



Peach  
(NA08)

## Our esteemed client list includes

Automobile	Construction	IT Sector	Pharma And Foods	Hotels, Malls, Entertainment	Others
Tata Motor	Rohan	Infosys	Tetra Park	J W Mariott	Sandvik Asia
Bajaj	Ashoka Buildcon	AXA	Nestle	IBIS Hotels	KSB
Mahindra & Mahindra	Devi Construction	Eon IBT Free Zone	Chitale Bandhu	Novotel	Hindalco
Mercedes Benz	Gera Developers	KPIT Cummins	Coca Cola	Reliance Fresh	Kirloskar Brothers
Volkswagan	Ratilal Bhagwandas	Cybage	Corning India	Hotel Ambience	United Cranes
Skoda Auto	Elite Builders	ANSYS	Cipla	Ranka Jewllers	Oriental Rubber
Replus	Panchshil	PTC	Rich Graviss	Hotel New Leaf	Suzion
Flash Electronics	Vascon	Aurion ProSena	Oriental Yeast	Westend Mall	Kirloskar Pneumtaic
Volvo And Eicher	Shimzu Corporation	Expo India	Centaur Pharma	Aeromall	Techera
Harmon	Amanora Park	Magarpatta	Dream Plast	Velankani	Seco Tools
Bridestones	Coproration Shimzu	Panchshil	B G Chitale Dairy	Solaris	Bobst India
Bosch	Nyati Group	Birla Soft	Cherry Park		Lifeline Hospitle
SKF	Magarpatta Township	Blue Ridge	Serum Institue		Mahaver Metal
Honeywell Turbo	L&W Construction		PV Son's		Harnex Systems
Piggio	Malpani		Datwyler		Pathera Graphite
Star Engineers	Goel Ganga		Alfa Laval		
GE Stamp	Suroj Buildcon		Drytech		
Motherson	Ulka Projects		Bharat Rubber		
Pinacal Mobility	Bhate Rajee		Tulip Pharma		
Super Auto	Ratnarup		Tastey Bite		
Eka Mobility	Kakkad Construction		Pravin Masale		

## Who can benefit from Hermetic Sliding Door



**Warehouses & Distribution Centers**



**Manufacturing Plants**



**Cleanrooms & Laboratories**



**Any Business with a Loading Dock**



**Hospitals & Healthcare Facilities**



**Airports & Transportation Hubs**



**Cold Storage & Freezer Rooms**



**Food & Beverage Industry**



## OTHER PRODUCT



AUTOMATIC  
SLIDING DOOR



HIGH SPEED  
DOOR



SECTIONAL  
DOOR



ROLLING  
SHUTTER



SWING  
DOOR



GARAGE  
DOOR



DOCK  
LEVELER



BOLLARD



SLIDING  
GATE



SWING  
GATE



RETRACTABLE  
GATE



BOOM  
BARRIER

### For Enquiries

(+91) 77740 83386

Mail: [sales@nirmalautomation.com](mailto:sales@nirmalautomation.com)

(+91) 77220 39370

Mail: [sales1@nirmalautomation.com](mailto:sales1@nirmalautomation.com)

(+91) 92254 35222

Mail: [marketing@nirmalautomation.com](mailto:marketing@nirmalautomation.com)

### For more details

visit: [www.nirmalautomation.com](http://www.nirmalautomation.com)

### Nirmal Automation Pvt. Ltd.

#### Corporate Office:

7, Vrindavan Garden Society,  
Opp Jit Ground, Lokmanya Colony,  
off Paud Road, Kothrud.  
Pune- 411038, Maharashtra, India.

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