

PRODUCT CATALOGUE



**“Excellence
Is Our
Specialty”**



About Us

▶ “Alanta Doors Pvt. Ltd.” is the leading manufacturing of insulated doors. Its footprint stretched over a wide range of product portfolio, spanning Healthcare, Medical, Pharmaceutical and Others Industries.

▶ At “Alanta Doors Pvt. Ltd.” We make high quality doors, which include product quality and also our committed customer service. Apart from the standard door solutions, we also provide customized door solutions as per specific requirements and conditions. Our in house design engineering team takes care of engineering modifications and solutions, which make it the best product for our prestigious customers and eventually the end users.

▶ We are aware that growth is inseparably linked to the well-being of our ecosystem employee’s society and the environment.

Benefits To You

OT (Operation Theater) is the most complex hence most expensive function of a hospital. Considering its nature of high risk for patient safety, we need utmost hygiene level with purest air.

- ▶ A 100% hermetically sliding door completely inorganic.
- ▶ Prevention from cross contamination.
- ▶ Isolation & Noise Reduction.
- ▶ Reducing the time for building the air pressure inside the OT.
- ▶ Operational ease.
- ▶ Sliding door is free from obstacles and turbulence that happen in case of normal doors.

What Unique We Bring To You

- We offer total solutions not just products
- Design Proposition
- Best certifications & accreditations
- Durable & minimum Maintenance
- Standard and customized solutions
- Continuous product up gradation



Hermetic Sealed Sliding & Hinge Doors



**“Excellence
In
Healthcare,
Every Day”**

Clean air is vitally important for good health. Hermetically sealed sliding doors are specially designed to control the clean air pressure in the room which is of utmost importance at a hospital. The door is developed especially for operation theaters and sterile areas. Normally an operation theater runs on over pressure. At this pressure any leakage losses will still not be measurable due to the hermetic sealing property of the door.

Core of the door blade is 60 mm thick and has 4 mm thick without joint premium grade High Pressure Laminates

on both side of 52 mm thick injected polyurethane. This door core is framed with extruded aluminum profiles finished with natural anodizing. Smart radius and curves on the edges makes the door cleaning very easy.

The door has a unique patented track system which enables it to seal perfectly when closed helping to reduce air handling cost, cross contamination and wound infections. Faced with ledge-free HPL they are easy to clean requiring minimal

Applications

- ▶ Operation Theaters
- ▶ Laboratories
- ▶ Sterile Rooms
- ▶ Intensive Care Unit (ICU)
- ▶ Neonatal In Core Unit (NICU)
- ▶ Critical Core Unit (CCU)



maintenance. Sliding doors require less valuable space than hinged doors and when operated produce less air disturbance making them ideal for hospital environments where hygiene is priority.

Heavy duct track is provided as single length aluminum extruded profile, which allows the doors goes down vertically towards the floor and in horizontally

towards wall frame while closing simultaneously at an angle of 45° by using the weight of the door to make a perfect hermetic sealing. The spread of infection can be minimized with door automation and touch less sensors.

Specially designed lever opener made out of solid stainless steel is there to ensure effortless opening and closing of the door. Automatic door is operated through CE marked Italy / Indian automation specially designed for Alanta Doors Pvt. Ltd.



Anti Radiation Sliding & Hinge Doors



**“Excellence,
Everyday
In
Everyway”**

When the human body is exposed to radiation rays it alters the everyday bodily functions. These rays cause harm on almost every part of body including hair, brain, thyroid, blood system, heart, reproductive tract and many more. In hospitals, there are rooms like radio therapy rooms and X-ray rooms which emit radiation rays, in order to protect both hospital employees and patients from unnecessary harmful rays radiation proof sliding doors are designed with lead shielding. The door has been specially developed for operation theatres with X-ray

equipment's, Cath Labs as well as rooms with radiation shielding requirements. It can also withstand up to 75 Pa over pressure to such a degree that any leakage loss will still not be measurable due to the hermetic seal. 60 mm thick door core consists of 4 mm thick high pressure on laminate both sides, 2 mm thick lead lining one side and 50 mm thick high pressure injected polyurethane. These doors are designed with shielding inside to protect hospital staff and patients from

Applications

- ▶ X-Ray Rooms
- ▶ Cath Labs
- ▶ CT Scan
- ▶ Mammography Rooms
- ▶ Fluoroscopy Rooms
- ▶ Radio Therapy Rooms



unnecessary exposure to harmful X-Rays outside and nearby areas of rooms like X-rays, Cath Lab, and Radiology etc. Besides EPDM sealing gasket, a special lower sealing gasket with lip is fitted on the bottom profile of the door leaf to ensure 100% hermetic sealing. A lever opener is there for effortless opening, made from solid stainless steel.

Automatic door is operated through CE marked Italy / Indian automation specially designed for Alanta Doors Pvt. Ltd.



Semi Or Non-Hermetic Hinge Doors



“ Care Begins With Us ”

Clean room doors are flushed hinged. The flush construction prevents bacterial growth hence ensures perfect sterility in the room. It comes in single and double leaf doors depending on the width of clear passage required. These doors come in standard sizes, but customization is also available as per special requirements and site conditions.

Door leafs are made from 0.8mm thick stainless steel or galvanized steel sheet with powder coating formed to provide a 46mm thick fully flush, double skin door shell with lock seam joints at the

stile edges. Honeycomb Kraft paper or Polyurethane is used as IN-FILL to give the required rigidity and effective acoustic insulation.

Wall frames are produced from 1.2mm thick stainless steel or powder coated galvanized steel sheet to single rebate profile of size 100mm X 58mm. The wall frames are installed on brick/block wall or plastered openings with the help of anchor fasteners. Door frames may supply to knockdown/welded form with butt joints for

Applications

- ▶ Clean Rooms
- ▶ Sterile Rooms
- ▶ Pharmaceutical
- ▶ Utility Rooms
- ▶ Intensive Care Unit (ICU)
- ▶ Wards



bolted assembly at site.

The wall frames and door leafs are coated with Zinc Phosphate Primer to receive any paint on site or finished with. Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 60- 65 microns (dry film thickness).

Border printed vision window of 6mm thick toughened clear glass can be provided in any rectangular size to both side of the door leaf. These window glasses will be flushed with the door leaf.

Stainless steel ball bearing butt hinges fixed to the door frame and door leaf for noiseless and friction free movement for years after year. Mortise sash lock with lever handles, Mortise dead bolt, Mortise latch and concealed lever action flush bolt is provided to the leading stile edge.



Automation For Sliding Doors :-

Automatic door is operated through CE marked Italy / Indian automation specially designed for Alanta Doors Pvt. Ltd.

Pack Of Automation contains One Electric Controller, One Motor, One Return Pulley, One Set Of Photo Cells Beam, Two Magic Switches, Two Foot Switches and One Teeth Belt.

Automatic Sliding Door Controller Specifications :-

- Door Configuration :- Single Leaf
- Limited Weight :- ≤ 200 Kg
- Door Leaf Width :- 1000 - 2000 MM
- Power Voltage :- AC 200 - 250 V, 50 - 60 Hz
- Power Consumption :- ≤ 90 W
- Manual Force :- ≤ 40 N, ≤ 50 N
- Sensor Mode :- Various
- Sliding Noise :- ≤ 55 Db
- Environment Temp. :- $20 \pm 50^{\circ}\text{C}$

Automatic Sliding Door Operating Functions :-

- Opening Speed :- 200 - 450 MM/S (Adjustable)
- Closing Speed :- 200 - 450 MM/S (Adjustable)
- Hold Open Time :- 0 - 9 S (Adjustable)
- Opening Buffer Distance Adjustable
- Closing Buffer Distance Adjustable
- Buffer Speed Adjustable
- Full Open (Connect Foot Switch)
- Partial Open (Connect Touchless Switch)
- Photocell (Connect Safely Device)

SEMI / NON HERMETIC HINGE DOOR SHADE



SS-304



BLUE (AD-5015)



GREY (AD-9002)



CREAM (AD-9010)

HERMETIC / LEAD SLIDING & HINGE DOOR SHADE



SKY BLUE (AD-01)



ISLAND BLUE (AD-02)



INK BLUE (AD-03)



CHAMPAGNE (AD-04)



PISTA GREEN (AD-05)



LIME GREEN (AD-06)



AQUA GREEN (AD-07)



GREY (AD-08)



PEACH (AD-09)



SS-304 (AD-10)

Alanta Doors Pvt. Ltd.

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www.alantadoors.com

Note:- These are the standard shades, we offer a huge assortment of varied shades on special order.



Analysing the **Global** requirement of
reliable, cost efficient and robust
Medical Doors



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