



reliable · innovative · robust

PRODUCT
CATALOGUE



Rebbon Isosystems

“Rebbon Isosystems Pvt. Ltd.” is one of India’s leading specialized door solution providers to the Healthcare, Medical, Pharmaceutical and other industries. Our core strength is our rich and experienced team, technical expertise, state-of-the-art technology and values, which are inculcated in every individual associated with us. We manufacture specialized doors of international standards with the latest technology to overcome the hassle of importing doors. Our in house engineering and R&D facility is dedicated to continuous improvement and technology enhancement for superior products and services. This is our commitment to the Global Medical Industry.

At “Rebbon”, we make superior quality doors, and by quality we not only mean product quality but 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.

Why Rebbon?

INTERNATIONAL PRODUCT QUALITY : Rebbon produces high quality products, which meet material and processing procedure as per international standards.

COMPLYING HEALTH STANDARDS : Rebbon doors do not have sharp edges and do not accumulate any dust and bacteria. They are easy to clean and maintain sterility, which helps to meet health standards.

DURABLE AND MINIMUM MAINTENANCE : Rebbon uses high-grade material quality for its products, which makes the product more durable and reduces maintenance cost. With proper installation, there is minimum wear and tear and maintenance efforts are also reduced.

STANDARD AND CUSTOMIZED SOLUTIONS : Apart from standard solutions, Rebbon also has the ability to provide customized solutions for the new door opportunities and replacement situations.

CONTINUOUS PRODUCT UPGRADATION : With a capable and in-house Research and Development team with strong design abilities, Rebbon boasts of continuous upgradation of its products. Rebbon also has the capacity to develop customized solutions as per your requirements.

TIME-TESTED PERFORMANCE : Rebbon’s product range has been used in Indian and International markets. High-end quality and durability of our products have been enhancing performance for our clients for many years.

WIDE PRODUCT RANGE: Rebbon caters to Indian and International markets with a wide range of products. They include:

- Hermetic and Non-Hermetic Doors
- Sliding and Hinge doors
- Manual and Automatic Doors
- Standard and Customized Doors
- Special and Specific Application Doors
- Wide range of doors for medical industry

about us

benefits



SPECIFICATIONS

The BON2 is a hermetically sealed sliding OR hinge door. The door is developed specially 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 52mm thick injected polyurethane. This door core is framed with extruded aluminium profiles finished with natural anodizing. Smart radius and curves on the edges makes the door cleaning very easy.

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 European automation, specially designed for Rebbon hermetic sliding doors.

The door blade comes with a border printed toughed glass sandwich vision window, flushed with both side core surfaces of the door.

Heavy duty track is provided as single length aluminium extruded profile, which allows the door to slide while opening and closing. The door 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 door with hinge option, comes with European make fiber glass reinforced plastic made rising hinges and lever openers are provided with it.

High quality electroplated wheel chairs combined with self lubricating rollers fitted on double ball bearings ensure noiseless and friction free working for years after years.

Special Design of 3 tier EPDM sealing gasket to seal the aluminium wall frame and 2 tier bottom gasket fixed on the lower part of door blade to ensure perfect hermetic sealing with finished floor.

There are many options, which are available with this door i.e. Doors skin of 1.0mm thick S.S. 304 can be provided either/both side of door core, Door lock, Bigger size vision window, D-handle with flush grip for full passage opening, kick plate and S.S.304 guard columns etc.



BON2 HERMETIC sliding and hinge doors

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. These doors can be installed inside / outside of the room with manual and automatic operation.

Applications :

1. Operation Theaters
2. Intensive Care Unit (ICU)
3. O.T. Lobby
4. Quarantine Rooms
5. Sterile Rooms
6. Laboratories

hermetics



ANTI RADIATION sliding and hinge doors

Anti-radiation sliding & hinge doors are designed with lead shielding inside to protect hospital staff and patients from unnecessary exposure to harmful X-Rays outside and nearby areas of rooms like X-Rays, Cath Lab, Radiology, Mammography etc.

Applications :

1. X-Ray Rooms
2. Fluoroscopy Rooms
3. Radio Therapy Rooms
4. Cath Labs
5. Mammography Rooms
6. Rooms with Radiation Equipments Inside

SPECIFICATIONS

Anti Radiation sliding and hinge doors are basically hermetically sealed doors with 2mm thick lead inside. These doors are specially designed for rooms with radiation shielding requirements.

Anti radiation sliding and hinge doors have 2mm thickness of lead lining inside that comply with AERB (Atomic Energy Regulatory Board) requirements for the X-Ray shielding doors. 3 sided aluminium wall frame also comes with 2 mm lead inlay. Anti Radiation doors can also withstand up to 75 Pa overpressure. At this pressure any leakage losses will still not be measurable due to the hermetic property of the door.

60 mm thick door core consists of 4 mm thick high pressure on laminate both sides, 2 mm thick lead lining and 50 mm thick high pressure injected polyurethane. The door also provides noise insulation up to 28 db.

Apart from 3 tier EPDM sealing gasket for wall frames, a special 2 tier bottom gasket is fixed on the lower part of the door blade to ensure perfect hermetic sealing.

Specially made lever opener out of solid stainless steel is there to make the effortless opening and closing of the door manually. Automatic door is operated through CE marked European automation, specially designed for Rebbon anti radiation door.

Stainless steel 304 wheel chairs combined with self lubricating rollers fitted on double ball bearings ensure noiseless and friction free working for years after years. With heavy duty aluminium extruded track provided as single length, which allows the door to slide while opening and closing.

As an option 10 mm thick lead glass having minimum lead capacity equivalent to 2.2 mmpb with clear view of 305X305, fitted in 2 mm thick mirror finished stainless steel frame on both sides of the door, can be provided to see inside the radiation room.

There are many optional accessories that are available with this door i.e. lock, bigger size lead glass vision window, D-Handle & flush grip for full passage opening, kick plate and S.S. guard columns etc.



anti radiation

CLEAN ROOM HINGE DOORS

These doors are especially designed for clean rooms in hospitals to ensure sterility and to maintain correct air pressure in the room. These doors come with single and double leaf with various color scheme options to match the interior / exterior wall paint. These doors meet the international standards for quality and safety.

Applications :

1. Intensive Care Units (ICU)
2. Doctor Rooms
3. Patients Rooms
4. Wards
5. Clean Room
6. Sterile Rooms
7. Changing Rooms

SPECIFICATIONS

Clean room doors are flushed hinged doors. 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 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.

Many other useful options are provided with the door like door closer, smoke seal for air tightness, drop seal at the bottom of the door, louvers in the door leaf, any size of rectangular vision window, kick plate and panic bar for fire doors etc.

single doors
double doors
flush doors
hinged doors

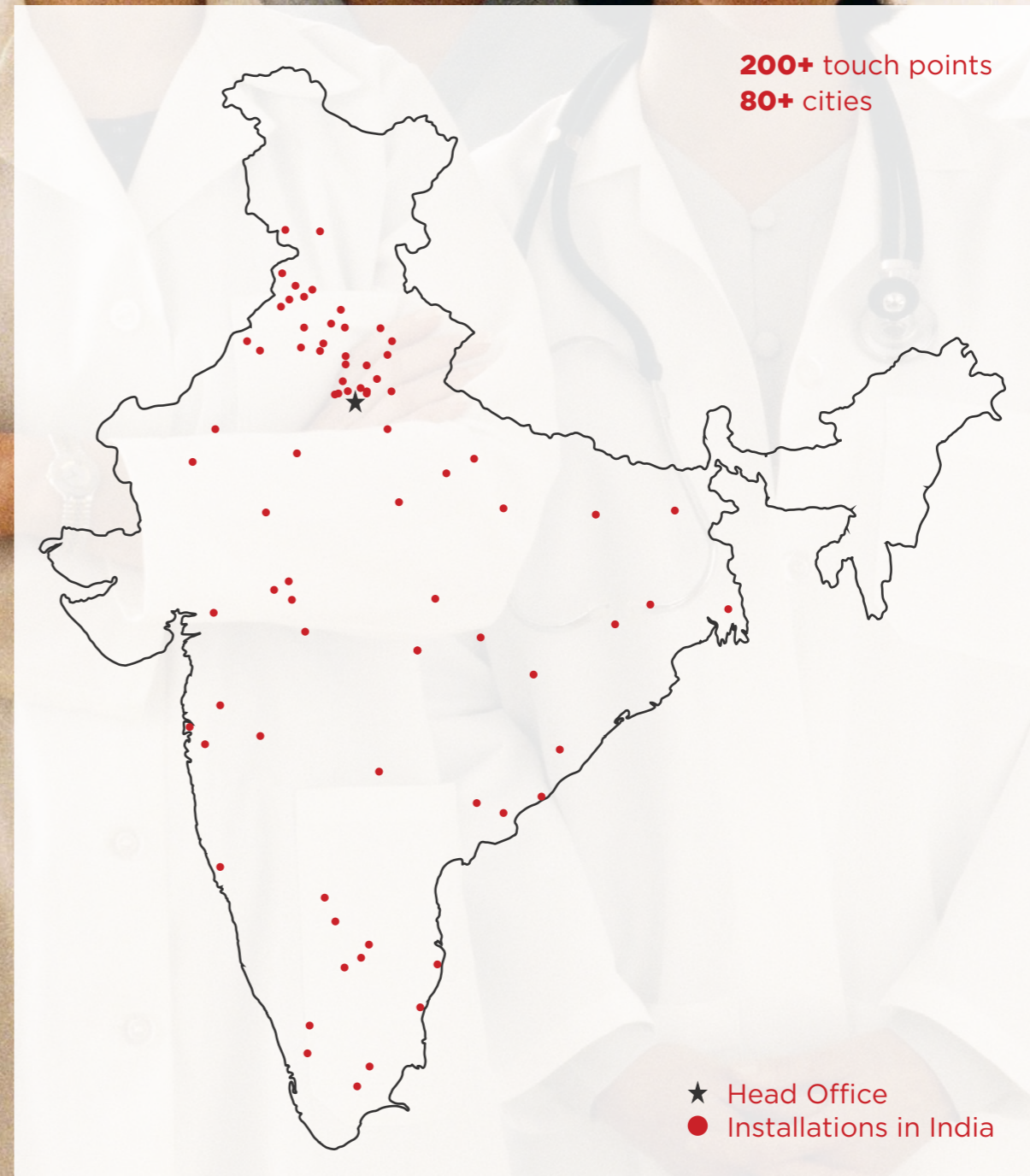
key end users

INDIA :

- AIIMS, New Delhi
- Rajiv Gandhi Cancer Institute, New Delhi
- Max Hospital, New Delhi
- ITBP Base Hospital, New Delhi
- Sir Ganga Ram Hospital, New Delhi
- National Heart Institute, New Delhi
- LNJP Hospital, New Delhi
- Denso, Gurgaon, Haryana
- N.C. Medical College, Panipat, Haryana
- NIMS University Hospital, Jaipur
- Universal Hospital, Pune
- Sri Siddhartha Medical College, Tumkur
- TATA Hospital, Jamshedpur
- Kolkata Medical College, Kolkata
- G.T.B. Hospital, Ludhiana, Punjab
- Vardhman Hospital, Jalandhar, Punjab
- Apollo Hospital, Bangalore
- Subharti Medical College, Meerut, U.P.
- Jhansi Orthopaedic and Research Centre, Jhansi
- GSL Medical College and Hospital, Andhra Pradesh
- Jammu Medical College, Jammu
- P.S.G. Hospital, Coimbatore
- Basaveshwara Medical College Hospital and Research Centre
- Kottayam Medical College, Kottayam, Kerala
- Apollo Hospital, Madurai

INTERNATIONAL :

- Bareen Hospital, Dubai
- Dickoya Base Hospital, Sri Lanka
- Teaching Hospital, Kathmandu, Nepal
- Avenue Healthcare Hospital, Kismu, Kenya
- Avenue Healthcare Hospital, Nairobi, Kenya



installations



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