

Remax

Healthcare and Hospital Doorway Solutions





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Engineered to last

The REMAX range of Traffic doors have been designed and engineered for use in harsh and heavy duty applications, where standard door systems fail.

The unique 'clean design', aluminium and stainless steel hardware, and non-painted finishes make the doors ideally suited to many Healthcare Facility environments. For busy doorways encountered in: Operating Theatres, Pharmaceutical Plants, Laboratories, Doctor and Dentist Surgeries, Hospital Kitchens and many more Healthcare environments.

Many of Australia's Hospitals, Theatres, Operating Suites and Medical facilities have proven the benefits of Remax doorway and barrier solutions. Whether it is to maintain critical positive air pressure in an operating theatre, or to meet the scrutiny of an external health and safety audit, Remax doors shine in the many applications presented by Australia's healthcare sector.





High Traffic Doorways

When it needs to be easy to clean, function and maintain; most hospitals and health facilities will choose Remax Hospital Doors.

Our Doors are designed to meet the needs of high hygiene and high traffic areas within a hospital. Containing no timber or organic materials our doors prevent bacterial growth and maximise hygiene and cleaning requirements. Other major benefits of Remax Doors include:

- › Fast and safe access doors for your pedestrian traffic
- › A door that can handle the bumps and scrapes
- › Hygiene, positive pressure and zoning solutions
- › Lifetime warranty of door panels

DOOR PANEL COLOURS

A range of six door panel options are available where the colour is evenly impregnated through the 4mm thick polymer skin.

- › Black
- › Wheat
- › Kosciusko
- › Ultra Grey
- › Ice White
- › Breeze Blue

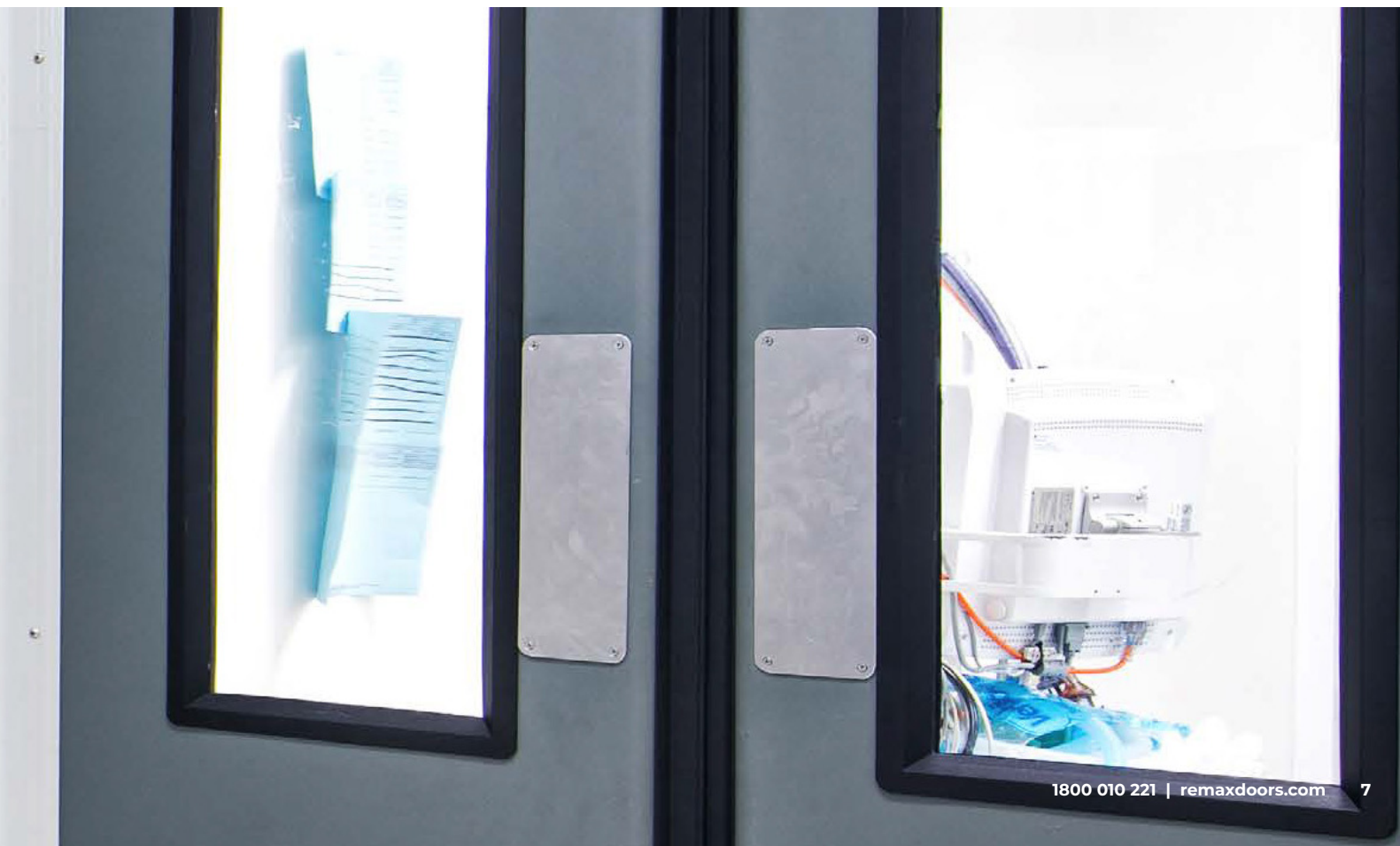


Product Features

- › Full surround rubber door seals, forms an impressive barrier when doors are closed, maintaining positive pressure required by operating theatres
- › Ensuring easier sterilisation and aseptic operating conditions from doorways which are, ironically, one of the busiest and most heavily handled furnishings in a healthcare facility
- › Retains its clean attractive appearance for the life of the door
- › A level of safety and peace of mind that is not found with any other conventional double action door

HOSPITAL SWING DOORS BENEFITS AND OPTIONS

- › Range of standard colours that will not fade; maintaining their attractive appearance in all environments
- › Double glazed window included in the door panel as standard
- › Option to incorporate Venetian blinds and signage into double glazed windows
- › Stainless Steel accessories such as kick plates, push plates and handles for easier sterilization and aseptic operating conditions





Rota-moulded Polyethylene Door Panel

The Rota-moulded Polyethylene Door Panel is vastly different to standard timber door for the following reasons:

- › The door will never split, splinter or crack like timber which means that they are impervious to impact and also virtually impossible for bacteria to hide and therefore grow
- › Colour evenly impregnated through the 4mm thick polymer skin means that Remax doors will never require painting, unlike a timber door, and retains its clean attractive appearance for the life of the door
- › 4500 Series Doors are approximately 50% lighter than solid core timber hospital doors with a 5kg breakaway compared to 10-12kg breakaway in standard timber door
- › Self-lubricating mechanisms in our doors so that they swing quietly, safely and easily
- › 4500 Series Doors will hold positive pressure up to 25 pascals without leafing apart. 4500 Series single action doors can hold greater pressure.
- › All doors come standard with double glazed polycarbonate windows, recessed for protection and providing exceptional visibility for pedestrians
- › 5000 Series can be fitted with a wide range of seal options which help to prevent dust, insect and contaminant intrusion
- › Option to incorporate signage into double glazed windows
- › Option to incorporate Venetian blind within the double glazed window
- › Stainless steel kick-plates can be fitted to lower sections for effective absorption of hard-hitting traffic
- › Where doors must be opened beyond 90° (i.e. opening onto passage across doorway) Remax have a Quad-action option for the Coldshield thermal traffic door. Double hinged frames and mechanisms allow seamless opening action through to 180° each way. Truly 360° performance!



4500 Series Hospital Theatre Swing Doors

DOOR PANEL

Lightly textured one-piece polymer door panel that has been high density filled with non-CFC urethane foam for maximum durability and insulation quality. No gaps or joins, and is impervious to moisture and acid / petroleum products.

MECHANISM

- › Lubrication free, acetyl bearings
- › Fully adjustable alignment

Lower Pivot:

- › Lubrication free
- › Non corrosive
- › Acetal bearing / Nylon Pivot
- › Impact tested and designed to shear to protect wall frames

SEAL

Full perimeter seal around door leaf.*

*To allow the door to swing; there is a gap between seal and the floor/doorway of 1-2mm each side and the top, 5mm gap at the bottom of the doorway. The gap measurements are accurate if the door is perfectly square.

WINDOW OPTIONS

Standard window size is 750H x 250W, with double-glazed polycarbonate window with a 45° bevelled frame and recessed screws on one-side of the frame for ease of cleaning and resistance to particle build-up. Window frames available in black, yellow and white. Available in clear, frosted or embedded blinds / signage. Single / Double per leaf.

VENETIAN BLIND

Double glazed Venetian panels with hermetically sealed double glazed units providing a product free from control mechanisms suitable for clean rooms or sterile areas. The air tight seal also means the internal blinds require no cleaning and very little maintenance is required externally.

DOOR FRAME

Fabricate and supply prefabricated or retrofit stainless steel door jamb.





HOLD OPEN MAGNETS

Assist your staff by including Hold-Open magnets on your traffic doors - in times of increased traffic flow, the doors are held open for efficiency.



SERIAL NUMBER

Easily identify doors for servicing.

SAFETY WIRE

Reduces the possibility of the door falling.

PUSH PLATES

On lighter coloured doors, we recommend fitting stainless steel push plates to each side of the door, providing an attractive focal point for entering personnel and minimises build-up of grime on the door panels.



STAINLESS STEEL KICK PLATES

Where an ultra-clean finish and durable protection is required. All fixings are stainless steel, and fitted flush with a Kick Plate to ensure a smooth surface.

POLYMER KICK PLATES AND BUFFER OPTIONS

Flat kick plates: for light trolley traffic. Prevents scratching and gouging of the lower door panel. Available in Ultra Grey and Black.



Spring Buffers: Virtually indestructible construction, provides protection against impact and pre-tensioned to absorb impact, allowing doors to open gently on impact. Available in Ultra Grey, Yellow, Black or White in 600mmH and 900mmH.

HINGE MOUNTING PLATE

The top fixing eliminates twisting movement and all forces are evenly distributed throughout the doorway (jamb and head fixings). Anodised with rounded safety edges along with numerous fixing points. No floor fixings for uninterrupted cleaning and preservation of expensive floor finishes.

5000 Series Hospital Theatre Swing Doors

DOOR PANEL

A one-piece polymer door panel that has been ultra high pressure filled with non-CFC urethane foam, to a density similar to a solid core timber door.

- › The 5000 Series door panel provides excellent thermal and acoustic insulation properties
- › Highest quality polymer one-piece skin, no gaps, joins or seams, and full stainless steel hardware
- › Corrosion Resistant Door provides unmatched performance for corrosion, bacteria and hygiene control
- › 10 year warranty Door Panels



HARDWARE

Choice of full range of hardware typically suited to standard timber or metal doors;

- › Lockwood or similar, hydraulic surface mounted closers
- › Full height stainless steel piano hinge, or standard stainless steel 100ml butt hinges or hospital hinge
- › Optional windows in double glazed 3mm thick polycarbonate
- › Injection moulded ABS frames with recessed fasteners, and 45 degree bevel to reduce residue build-up, and improve hygiene

KICK PLATES

Stainless Steel: Where an ultra clean finish and durable protection is required. All fixings are stainless steel, and fitted flush with a kick plate to ensure a smooth surface.

Polymer Kick Plates: Flat kick plates for light traffic. Prevents scratching and gouging of the lower door panel.



Automatic 5000 Series Swing Doors

The 5000 Series Doors are ideal for operating rooms and other areas that require infection control since they don't require a physical touch to open.

Remax Doors can provide technology that will allow the greatest mobility for both patients and staff of a hospital or other medical facility.

SUPER SILENT OPERATION

All versions feature super silent operation, thanks to the anti-vibration seals, making them ideal for environments where comfort, silence and a warm welcome are fundamental requirements.

MAXIMUM HYGIENE

The rounded guard and the screwless visible heads prevent dust from building up, making cleaning easy. Electrostatic energy that may have accumulated on the moving wings is permanently discharged, thus avoiding the build up of dust. Automatic doors offer freedom of movement in absolute hygiene and safety both for patients and healthcare workers, avoiding manual contact with the doors.

MAXIMUM SAFETY

The motion detectors can be built into the automation and concealed. They ensure protection not only of the passing space, but also in the side opening movement of the wings, avoiding accidental collisions.

Automated swing doors are indispensable when stretchers, medical equipment and wheelchairs are passing through.



Automatic Sliding Doors

Automatic hospital doors help with accessibility in a range of areas within a hospital and allow the hospital staff to manoeuvre the halls and rooms quickly and easily — especially in critical emergencies.

Made from Remax's robust polyethylene skin insulated door panels, Remax Sliding Doors have a monobloc design that contains a traction unit and electronic command panel with maximum leaf weight of 140 kg, opening speed of 1.2 m/s, insulated door panels. The casing is made of aluminium extrusion and traction is performed by means of a synthetic toothed belt.

Our automatic sliding doors are perfect for areas where space is at a premium as the automatic sliding doors will sit close to the wall, eliminating the need for 'swing room' allowing easier access for wheelchairs and hospital beds to pass through. Remax offer planned maintenance and repair services; we can keep your doors in their best working order.

Automation Options

Remax Sliding Doors combine ease of use with advanced technology, allowing their automation to operate smoothly.

MANUAL SENSING OPTIONS

Magic Switch: Touchless opening activated by hand movement in front of the sensor.

Push Button: IP65 enclosure. Optional additional control function switches. Optional chemical resistant housing.

Security Controlled Access: Finger print or swipe card access available for high security access applications.



AUTOMATIC SENSING OPTIONS

Adjustable IR presence sensing field and safety curtain, for high pedestrian traffic areas. Utilises radar and motion sensing technology to open the doors, with optional discrimination functions according to traffic direction.



SAFETY SENSOR

For swinging and revolving doors, the presence active infrared sensor operates by distance measuring. Mounted on the leaves of swing and revolving doors, it offers safety for users.



Lead Lined Stainless Steel Doors

Hinged and Sliding Medical X-Ray Doors for polished protection. Remax Lead Lined Stainless Steel Doors offer magnificent craftsmanship and unparalleled hygiene and infectious control.

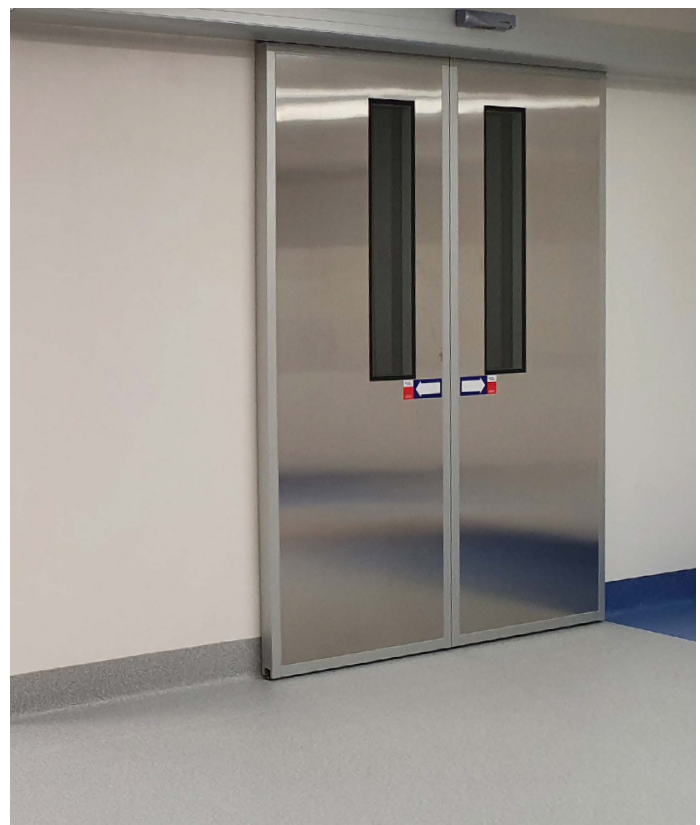
AISI 304 smooth or brushed stainless steel, hand operated or automated, available in 1- or 2-wing. Bespoke medical design which eliminates hard-to-clean areas, including no visible fixings in frame or door panel significantly reducing accumulation of bacteria. Insulated with high pressure polyurethane foam to ensure good isolation and solid construction.

FEATURES

- › Envelope design of the door leaf helps to keep it clean and very hygienic
- › X-ray door lead thickness, to match wall lead thickness, is placed inside the door blade and the door frame
- › 1- or 2-wing, made from stainless steel AISI 304 brushed surface
- › Door wing thickness: 1-wing 47 mm, 2-wing 55mm, with fully closed construction
- › Stainless Steel Door hardware - various options available
- › Door frame - stainless steel brushed angular frame ensures the well sealed installation on all wall types
- › Silicone gasket in the door frame and lowering bottom gasket

WINDOWS

- › Specialized lead-based double glazed windows mounted flush with the face of the door panel
- › Various window sizes available
- › Optional laser block-out covers, from brushed stainless steel AISI 304



The range of traffic doors and barrier systems developed and manufactured by Remax, fulfils a vision to become the most trusted source of doorway and access solutions in the market today.

In keeping with this vision, the real value of our Doors and Barriers is the money saved during the life of these products. Remax are recognized and trusted for providing prompt, personalized service, and are committed to honesty and integrity throughout our consultation and communication with clients.

Our commitment to service begins with your initial enquiry, and is paramount throughout all stages of design, solution, installation, and subsequent inspections of commissioned doors and screens.

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