



**CUSTOMISED DOORWAY
AND ACCESS SOLUTIONS
EXCEPTIONAL SERVICE**

Australian
Owned
and Made 

CUSTOM SOLUTIONS



A proudly Australian-owned and operated company, Coldshield has built a reputation as an industry leader, manufacturing traffic doors and customised access solutions.



With a history going back to 1985, our innovative range of products and services are backed by an experienced team dedicated to supporting the individual needs of your business. Our customers are our number one priority and we are proud that 90 per cent of our business is the result of repeat relationships.

Our business approach is both personal and professional. We recognise that the needs of each business are different and offer a diverse range of products to suit a variety of industry sectors.

We take the time to understand your requirements and tailor solutions that focus on maximising safety, working efficiency and reducing the overall cost of operations.

Taking a philosophy of “Be safe, work safe, stay safe”, all manufactured products are compliant with our quality and safety evaluations to third party accreditation standards ISO45001:2018 and ISO9001:2015. For your peace of mind we also offer 24/7 complete around-the-clock service and maintenance solutions.



Designed and manufactured in Australia, our Coldshield Movidor range of high-speed, rapid roll doors are custom-built to suit your individual application.

Each door is the result of meticulous design, attention to detail, and a deep sense of care and pride throughout every stage of the manufacturing process. The final specifications, such as colour, size, integration with building design and specific functionality, are your choice.

By ensuring doors are kept closed for the maximum time, combined with good perimeter sealing once closed, you can achieve:

- Reduction in energy loss through doorways
- Optimum operating temperatures maintained
- Minimisation of cross-contamination risks

However, the real benefit of Movidor's high speed doors is in their superior ability to enable traffic movements such as pedestrians, forklifts and other vehicle types without disruption to operations.



BUILT TO LAST

The Movidor range is built to last, with the quality and strength of the design being seen years after installation. The reliable, efficient opening and closing will be in operation 100,000 cycles later.



CUSTOM ENGINEERED

While we have a range of products to suit most applications, we can also custom engineer a system specifically to your needs.



movidor faster, safer, smarter. **FEATURES**



CRASH OUT SYSTEM

Unique crash-out automatic relocation system

FULLY ENCLOSED HOOD

OPENING SPEED OF UP TO 3M/SEC

'SOFT EDGE' CURTAIN DESIGN

Soft edged safety curtain eliminates tensioned bottom bar. The soft, deformable edge will not cause bodily harm in accidental contact

SAFETY FEATURES

Photo-electric beams or integrated cross-linked light curtains provide a high level of safety, reversing the door in the event of traffic entry

GUARANTEED PARTS AVAILABLE AUSTRALIA-WIDE

VARIABLE SPEED CONTROL SYSTEM

Variable speed with accurate positioning control. Displays operational and fault status

WARRANTY

2 year 100,000 cycle warranty

AUSTRALIAN MADE AND MANUFACTURED

SUSTAINABLE MANUFACTURING PRACTICES

FOOD SAFETY CERTIFICATION

TEMPERATURE AND ENERGY EFFICIENT

EASY MAINTENANCE

Fewer moving parts means reduced maintenance

WASH-DOWN

Wash-down safe, clean and hygienic construction

BRUSH SEAL

HS Series fitted with full surround brush seal for optimum protection against air loss/gain and airborne contaminants. It also assists in maintaining pressure differential between rooms

RANGE



HS SERIES

The HS Series high-speed door range provides a variety of designs and offers opening speeds of up to 2.5m/second, tailored to meet specific usage requirements. Custom size configurations are available up to 6m H x 6m W. Fully integrated relocation curtain systems are available, with Coldshield's unique relocation feature enabling the curtain to automatically reinsert if impacted out of guides. Stainless steel options are available.

MOVICHILL

The Movichill range of high-speed freezer rapid doors are an ideal choice when you need a reliable doorway solution for temperature-controlled environments. Its double insulated 'soft edge' curtain design, combined with a heated door frame, plays a crucial role in minimising ice formation and ensuring safe and reliable operations in such environments. Available for cool rooms and freezer doors up to 5.75m H x 4.3m W. Opening speeds up to 2.5m/second are available.

OPTIONS

ACTIVATION AND BATTERY BACKUP SYSTEMS

Range of automatic and manual activation systems and UPS battery backup options

CONTROL CABINET OPTIONS

IP65 stainless steel control cabinet

CURTAIN OPTIONS

Choice of curtain thickness and thermal performance options

INTERLOCK FUNCTIONALITY

Optional interlock function for airlock applications



EX35 SERIES

The EX35 Series high-speed door is a highly versatile and robust design configurable to suit almost any internal application requiring a fast, efficient, and safe rapid roll door. The small footprint and the innovative design of the product provides you with a cost-effective and reliable alternative to traditional rapid roll doors. The EX35 Series combines unique design features such as an integrated safety light curtain and the ability to open at 3m/second with automatic relocating option and safety edge.

ACOUSTIC

If you require an external or internal door for sound control in noisy locations, the Coldshield Acoustic curtained door will assist. Doors are available up to 6m H x 6m W with an opening speed of up to 2m/second.

TRAFFIC LIGHTS

Integrated LED traffic lights are available for additional safety and traffic control

WINDOWS

Clear and mesh window options available to provide visibility when door closed

INTEGRATION

Capacity to integrate with automated and robotic equipment

SAFETY OPTIONS

Additional safety considerations such as extra PE beams, presence sensors, radars, light curtains and magnetic loops available

4500 SERIES THERMAL TRAFFIC DOORS

A premium thermal traffic door, the Coldshield 4500 Series swings quietly, safely and easily regardless of the environment and sustained impacts. This door is extremely durable and functions tirelessly with the added benefit of exceptional thermal and noise insulation.

The 4500 Series features a rotationally moulded one-piece polyethylene skin that has been core-filled with high-density, non-CFC urethane foam for maximum durability. The one-piece panel has no gaps or joins, and is impervious to moisture.

All doors come standard with full santoprene surround seals to prevent dust, insect and other contaminant intrusion, as well as double skinned polycarbonate windows providing excellent traffic visibility.



PROVEN DESIGN WITH HIGH VISIBILITY

Built for traffic.
Robust structured door which provides strength and visibility for pedestrian, trolley and forklift traffic in high traffic environments ensuring a smooth, easy passage.



ENGINEERED FOR INDUSTRY

Door structure features a rotationally moulded polyethylene skin that is high density foam-filled and cured to provide exceptional thermal and noise properties for industry.



4500 SERIES THERMAL TRAFFIC DOORS FEATURES



PERMANENT COLOUR

Colour is evenly infused into the skin and will not fade or require painting

WINDOWS

Double skinned polycarbonate windows recessed for protection

TEXTURED SURFACE

Lightly textured surface hides scuff marks and is easy to clean

DOOR SEAL

Round leading edge for safety – features a full rubber surround door seal, preventing intrusion of contaminants

TRACEABLE

Serial numbers are assigned to each door for ease of traceability

FALL SAFE

All Coldshield 4500 Series doors are fitted with a flexible stainless steel cable to reduce possibility of the door falling in the event of serious impact by pallet trolley or forklift

FINGER SAFE

No pinch points within normal reach

LUBRICATION FREE

Components such as pivots, hinges, spring mechanisms and mounting hardware are all lubrication free and non-corrosive

COLOUR Large range of door panel colours



Black



Latte



Ultra Grey



Ice White



Kosciuszko



Breeze Blue

FLEXIBLE PVC SWING DOORS

Coldshield’s original PVC Series swing door boasts superior quality features and excels in both strength and durability, making it ideal for large doorways and heavy-duty applications.

The strength is attributed to aluminium door stiles and gussets, attractively powder-coated or anodised for protection. The PVC doors are comprised of quality Coldshield fixtures, acetyl bearings and stainless steel pivots and fasteners, providing strength and durability.

Capable of withstanding extremely high cycles with minimal maintenance, these doors are a proven solution. They allow maximum movement of personnel or goods, with minimum impact on operation and costs.

Coldshield’s double-action flexible PVC traffic swing doors are fabricated from food-grade quality 7mm thick PVC panels. This provides a highly effective barrier against airborne nuisances, and assists in maintaining temperature control.

These doors consistently excel in both large openings and high-traffic environments, showcasing exceptional strength and offering complete customisation options for optimal performance.



MAXIMUM MOVEMENT, MINIMUM IMPACT

Environmental barrier.
Operates as an environmental barrier in tough conditions and busy environments without restricting movement.



DURABLE DESIGN AND CONSTRUCTION

Requiring minimal maintenance due to durable design and quality pivots, frames and bearings for superior strength.



FLEXIBLE PVC SWING DOORS FEATURES



REDUCE ENERGY COSTS

Reduces energy costs and acts as a barrier to prevent temperature changes

MAXIMUM PROTECTION

2400 Series features a simplistic bolt together design with a fully-gusseted, robust anodised aluminium frame ensuring a clean and neat finish for maximum protection

INCREASED STRENGTH & DURABILITY

3000 Series features a fully-welded construction with powder-coated aluminium for increased strength and durability, designed for the most demanding applications

FALL SAFE

All Coldshield swing doors are fitted with a flexible stainless steel cable, reducing the possibility of the door falling in the event of serious impact by pallet trolley or forklift

LUBRICATION FREE

Components such as pivots, hinges, spring mechanisms and mounting hardware are all lubrication free and non-corrosive

SIMPLE INSTALLATION

Full height jamb mounting plate for simple installation and even distribution of forces into the door opening

FINGER SAFE

No pinch points within normal reach

FOOD SAFE

PVC supplied by Coldshield is manufactured from virgin materials without heavy metal stabilisers such as cadmium, lead or barium zinc

TRACEABLE

Serial numbers are assigned to each door for ease of traceability

5000 SERIES CORROSION RESISTANT DOORS

Coldshield's 5000 Series provides unparalleled performance in environments requiring a consistently high level of hygiene and exceptional impact and corrosion resistance.

The 5000 Series offers a combination of the highest quality one-piece polymer rotationally moulded skin, with no gaps, joins or seams, and full stainless steel hardware. All 5000 Series door panels come with a 10-year warranty against corrosion.

With an impressive R insulation rating, the 5000 Series door panel shells are fabricated from cross-linked polyethylene. With an ultra-high density, non-CFC urethane foam core, the panel is impervious to almost all chemicals and has a density and workability similar to a solid core timber door. The 5000 Series presents exceptional thermal and acoustic insulation properties, the ideal solution for all your hygiene and wash down applications.



UNPARALLELED PERFORMANCE

Made to last.
Developed to withstand even the harshest conditions within corrosive and washdown environments. 10-year warranty against corrosion.



DESIGNED FOR HYGIENE

Combination of the highest quality one-piece polymer rotationally moulded skin with no gaps, no joins or seams and full stainless steel hardware for exceptional hygiene standards.



5000 SERIES CORROSION RESISTANT DOORS FEATURES



PERFORMANCE

Will take impact without damage where other door systems fail

NO GAPS

No glue, seams, joins or gaps in sanitary surface

HYGIENE

High-density, closed-cell foam core will not absorb water or breed bacteria making it an ideal solution for applications where hygiene is priority

PERMANENT COLOUR

Colour is evenly infused into the skin; will not fade and will not require painting

WINDOWS

Optional double-skinned polycarbonate windows recessed for protection

VERSATILE FITTING

Can use almost any standard door hinging system or be retrofitted into an existing door jamb

INSTALLATION

Can be fitted with any hardware that is suitable for timber or metal standard doors. Normally installed with full height stainless steel piano hinge

TRACEABLE

Serial numbers are assigned to each door for ease of traceability

COLOUR



Ultra Grey



Ice White

Designed with convenience in mind, Coldshield's automatic doors offer not only seamless operation but also boast a host of remarkable features.

Coldshield's sliding and swing door options are equipped with state-of-the-art brushless motors and new generation electronic control units. The use of custom designed brushless motors instead of conventional brushed DC gear motors increases efficiency and reduces electricity consumption.

This type of motor has little to no wear and its service life is approximately ten times longer, drastically reducing the frequency of maintenance work. The exclusive, patented position of the Hall sensor in the motor makes it compact in size, highly functional and protects it from accidental breakage.

Our innovative automatic doors are suitable for a variety of settings including retail, hospital, and office environments.



PATENTED SENSOR SUPPORT SYSTEM

The magnetic snap on/off sensor support system reduces the time needed to access the automation by eliminating the fastening and wiring of the sensors directly on the casing.



EFFORTLESS OPERATION

Electronic control unit is supplied with parameters preset in standard mode to make the door operational without having to make any adjustments. However, all the parameters can be adjusted to meet your specific needs.





SLIDING DOOR AUTOMATION

Coldshield's sliding door automations use direct-drive brushless motors. This increases efficiency by over 60% compared with traditional drive motors and has the added benefit of quieter operation.



SWING AUTOMATION

Swing door automations use custom designed brushless motors. The use of brushless motors reduces electricity consumption and increases efficiency by over 30% compared with brushed motors. The wing movement arm is directly connected to the gearbox and is reversible for left or right operation.

FEATURES

QUIET AND EFFICIENT

Brushless motors are very quiet with greatly improved efficiency and controllability

LOW MAINTENANCE

Brushless motors drastically reduce maintenance costs and also result in significant energy savings

CUSTOMISABLE ELECTRONIC CONTROL UNIT

The new generation electronic control unit has been developed on a basic platform with potential for expansion and customisation

VARIABLE VOLTAGE POWER SUPPLY

100-240 V (50/60 Hz) with switch mode technology to guarantee a +15% increase in efficiency and a reduction in energy consumption

ELECTRONIC FUNCTION SELECTOR SWITCH

This innovative device has a capacitive touchscreen that is easy and intuitive to use

SENSOR SUPPORT SYSTEM

An exclusive, patented magnetic snap on/off sensor support system greatly reduces installation and service time

» OTHER SOLUTIONS



**PROUDLY
AUSTRALIAN
OWNED AND
MANUFACTURED**



FLEXIBLE PVC STRIP CURTAINS

Strip curtains are a simple and effective system for maintaining temperature or providing a barrier to dust, noise, insects and cross-contamination.

Easily installed, strip curtains require minimal ongoing maintenance and are available in a range of styles and grades to suit a variety of applications.

Don't just think coolrooms and freezers; insulated vehicles, warehouses, welding areas, heavy industrial, entry and exit doorways, there is no end for their use.



AIR CURTAINS

Air Curtains provide an unobtrusive and invisible air barrier to provide energy and hygiene control in your work environment.

Manufactured to Coldshield's exacting standards, these Air Curtains force a powerful curtain of air right down to floor level. This becomes the perfect solution against temperature, humidity, dust, wind, dirt, debris, insects and odours.

- Easy clean, corrosion resistant powder-coated or stainless steel casing
- High airflow, low noise industrial duty centrifugal fans
- Install onto any surface with full size mounting plates
- Available in single and three phase design



BOLLARDS

Protect your doors and walls from trolley traffic and prevent unnecessary repairs.

Designed for use in constant moisture, corrosive or ultra clean environments. Manufactured from high density polyethylene providing an impact resistant material that will not corrode and never requires paint or surface treatments.



BUMPRAILS

Coldshield's range of impact resistant bumperails are available in a variety of widths and designs, providing an economical solution to prevent impact damage from constant trolley traffic.

Manufactured from premium A3 grade extruded PVC, our bumperails can withstand low temperatures without becoming brittle and are also capable of withstanding heat and exposure to UV rays or water. The front fascia features a tough grooved finish to hide scratches and blemishes over long term use.



COMPASS SYSTEMS

Our Compass systems are custom made for each application. The Compass system is a unique combination of travelling beams and PVC barriers for installation into refrigerated truck bodies to save energy, stabilise temperatures and create different zones.

As the vehicle is unloaded, this curtain system can be moved forward and back to minimise the area to be refrigerated. PVC curtains are configured as a two-piece, side-to-side sliding unit to provide a clear opening for uninterrupted access when loading/unloading.

The system will withstand daily hosing down as all components are anodised aluminium, stainless steel or nylon. No lubrication is ever required and all components are built to last the life of the truck body.



SERVICE & MAINTENANCE OF DOOR & ACCESS PRODUCTS

As a team, we work hard to maintain a premium level of responsive service for our clients.

Our experience has taught us that the safety of your team, security of the facilities and reliable working order of equipment and assets are critical to meet your organisation's timeframes and ongoing success.

- 24/7 service model on all door and access solutions
- Industry leading service that is responsive and cost effective
- Tailored service and maintenance agreements
- Reactive and preventative service support



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