

SERIES 1000 FLOATAWAY DOOR



TITAN
DOOR SYSTEMS
TRANSFORMING SPACES



**Is It Time to
Transform Your
Space?**

Choose Sophisticated. Choose Titan.

Delivering
exceptional
craftsmanship
with every
project.

Prioritizing your
needs in every
solution.

Embracing
creativity and
cutting-edge
technology.

Building trust
with honesty and
reliability.

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Delivering Strength, Style, and Innovation in Every Door.



Why Chose Titan Door Systems?

At Titan Door Systems, we don't just manufacture doors we engineer custom solutions that redefine excellence. Proudly Australian owned and founded on decades of industry experience, we combine precision craftsmanship, innovative design, and superior materials to deliver high performance doors that elevate any space. Whether it's a sleek architectural feature or a robust industrial installation, every Titan door is built for durability, functionality, and style. Our commitment to transparency, client first values, and tailored engineering has earned us the trust of developers, architects, and builders nationwide. When you choose Titan, you're choosing a partner dedicated to quality, integrity, and innovation every step of the way.



Proudly Australian Made

Why Choose Australian Made Doors?

Built to Last

Our doors are proudly manufactured here in Australia, using high quality materials and built to meet strict Australian standards ensuring long lasting performance, durability, and safety.

Support Australian Expertise

Every Titan door supports skilled Australian jobs from design and manufacturing to customer service and installation. Whether you're local or international, choosing Titan means investing in proven Australian craftsmanship.

Tested for Safety & Strength

Our Australian made doors are engineered to meet strict national building codes and safety standards. This ensures peace of mind, knowing your door is built to perform reliably in demanding environments from cyclonic regions and extreme desert heat to harsh coastal conditions where salt resistance is essential.

Choose Titan Door Systems
Australian made, built to perform.

GEELONG ARTS CENTRE,
Victoria, Australia



Overview

From industrial to residential applications, the FloatAway Series 1000 doors have you covered. Each door is individually engineered and manufactured using precise mathematical calculations to achieve exact counterweight balance ensuring both safety and aesthetic appeal.

The counterweight balanced design makes a bold architectural statement. It's secure, easy to operate, and highly versatile, accommodating most types of cladding. Thanks to its structural and functional flexibility, the Series 1000 door can be used in a wide range of settings and is custom-tailored to meet the specific requirements of each building.

Whether open or closed, its superior design and strict quality control ensure long-lasting performance.

Applications

Suitable for many commercial applications including:

- schools
- swimming pools
- carpark entries
- commercial
- light industrial applications



Design

Frame Construction

The frame is fabricated from hollow steel or aluminium sections and designed in accordance with AS1170 and AS1250 to withstand a wind loading of 0.5 kPa in the closed position, while ensuring minimal deflection in the open position.

Steel

Doors may be clad with a variety of sheeting materials. Standard Colorbond® profiles are commonly used; however, specialised profiles can also be accommodated. For the use of non standard sections, please consult the manufacturer.

Glass

Doors can be partially or fully glazed for visibility or showroom display purposes, in compliance with AS1288. Standard glazing consists of 6.38 mm laminated safety glass. The use of alternative glass types or glazing materials must be referred to the manufacturer due to implications for weight, deflection, and door design. Glazed doors typically include a kickplate at the base of the bottom leaf, with the height of the kickplate determined by the overall door size and weight.

Bar Grille

This door type features a standard RHS frame overlaid with square hollow steel tubing, round and steel fins welded vertically across the full face of the door.

Product Operation

The Floataway Door is a single-leaf door balanced by counterweights under constant suspension. Door movement is guided by bearings that run within vertical 60 x 70 x 60 x 3 mm guide channels, and flat mild steel link arms connect the door to the side guides to ensure controlled operation.

Locking System

Doors are secured using internal padbolts unless otherwise specified. Motorised doors are not fitted with locks.

Size

Standard maximum size: 10,000 mm (width) x 6,000 mm (height)

Custom sizes may be available upon request.

Finish

Frames and guide channels are finished with an epoxy primer and polyurethane topcoat as standard. For glazed doors, glazing beads are available in either anodised or powder-coated finishes. Alternative finishes are available upon request please specify at the time of order.

For colour options, please refer to the Dulux Duralloy range:

<https://duluxpowders.com.au/products/duralloy/>

This door is available in aluminum for smaller applications and steel for larger applications.

How It Works

The door can be operated by one of the following methods:

- Electric motor
- Chain operation
- Manual hand operation

TRANSFORMING YOUR VISION INTO REALITY



TITAN
DOOR SYSTEMS
TRANSFORMING SPACES

Our Optional Extras

Fire Input Parameter (FIP)

The Fire Input Parameter for garage doors is a control signal from a fire alarm system, smoke detector, or building automation system that triggers the door to respond during a fire event. It may cause the door to close automatically, open for evacuation, or release motor power so the door drops by gravity. This input must be properly configured to meet fire codes and ensure safe operation in emergencies.

Logic upgrade

A logic upgrade is available to enhance the performance of your garage door system by improving its control software. This upgrade adds new features, such as advanced safety sensors, Wi-Fi connectivity, remote access, and more efficient control algorithms for smoother operation. It also enables easier integration with other technologies and improves system diagnostics for better troubleshooting. The logic upgrade enhances the overall functionality of your garage door without the need for hardware changes, ensuring optimal performance and greater convenience.

Add More. Get More

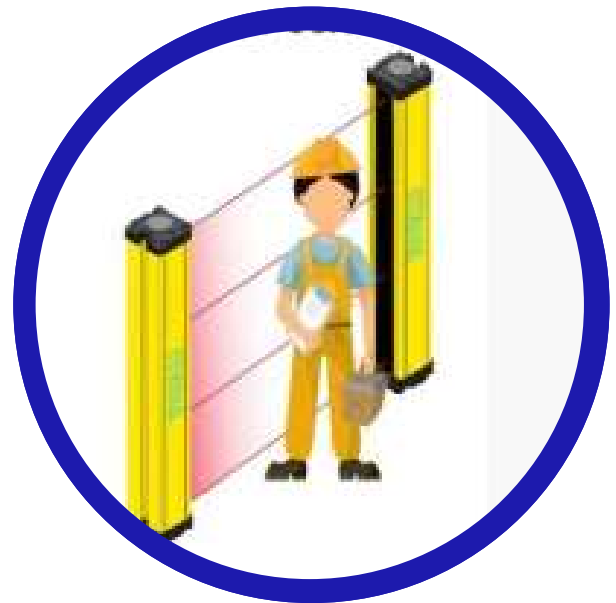
Safety Features Add ons

Engineered for safety—elevated with premium protection.

Our doors are engineered for safety, and with the addition of our premium protection upgrade, you can elevate that security even further. This add on enhances an already reliable system, offering an extra layer of defense for total peace of mind. When it comes to protection, don't settle for good experience the next level of safety.

Light Curtain Protector System

The safety light curtain is a kind of safety device that can form a virtual barrier around the danger, creating an inductive barrier that protects the machine access point and surroundings to protect people and machines from damage.



**Built Strong.
Backed by Safety**

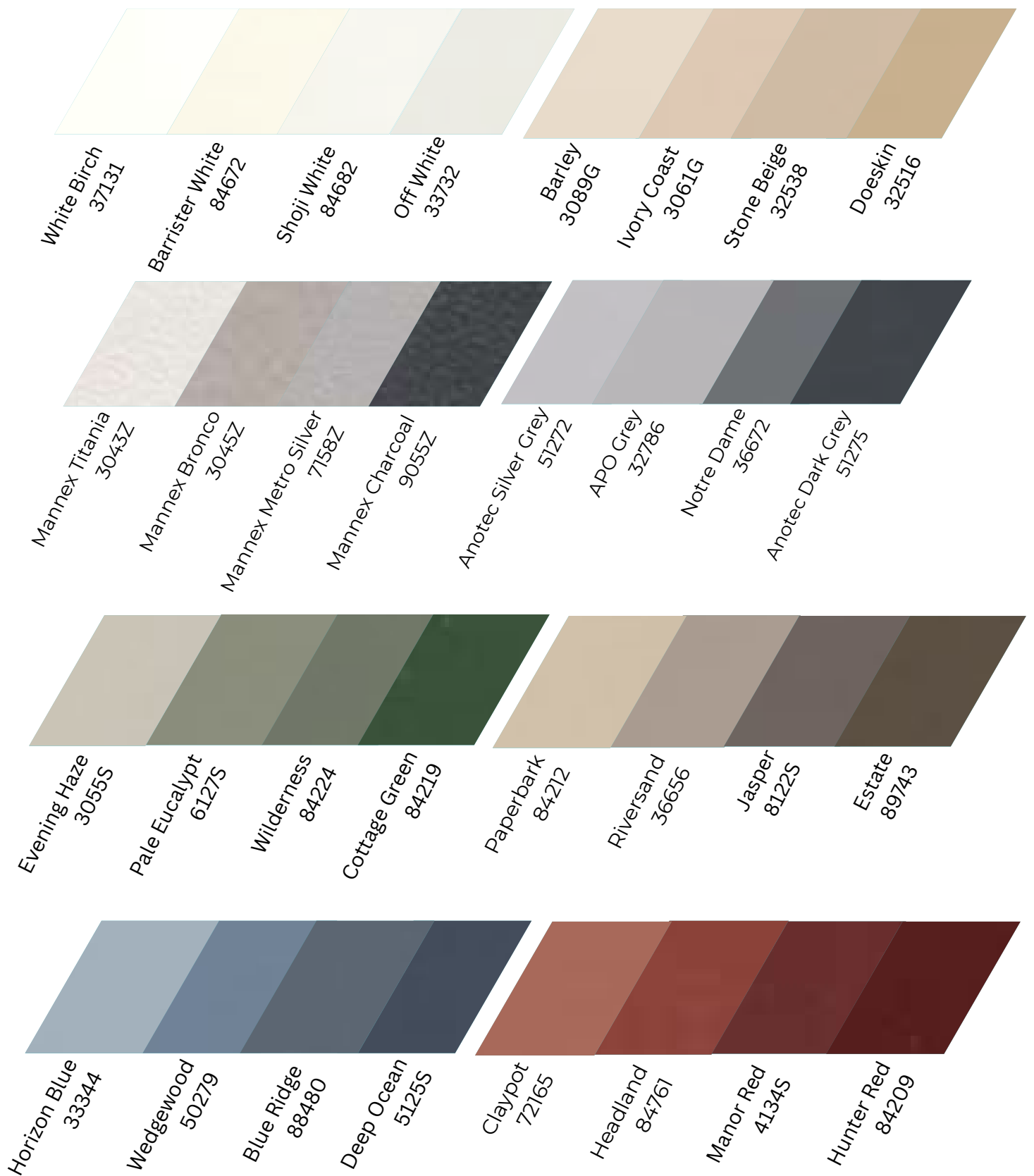
Duralloy Powder Coating Range

Long-lasting Dulux® colours trusted by professionals for style and strength.

At Titan Door Systems, we proudly offer a premium selection of powder coating finishes from the Dulux® Duralloy® range an advanced collection designed specifically for residential and light commercial projects. Duralloy® powder coatings incorporate the latest in coating technology, offering excellent durability, colour retention, and resistance to weathering. This versatile range features a carefully curated palette, blending long-standing favourites with cutting-edge international colour trends, all arranged to make harmonious colour selection simple and effective. The Dulux® name and Duralloy® colour range are used under licence and remain the property of DuluxGroup (Australia) Pty Ltd. All colours shown are for illustrative purposes only and may differ from actual finishes.

The Dulux logo is displayed in white, italicized, sans-serif font on a dark blue rectangular background. A thin red horizontal line is positioned directly beneath the blue rectangle.

Dulux®



Bringing Spaces to Life with Color

Aluminium Timber Cladding

We partner with Covet to offer Ever Art Wood® aluminium cladding a high quality, fire rated solution that brings the natural beauty of timber to our door systems without the maintenance. Designed and manufactured in Japan, this lightweight yet durable material replicates real woodgrain using advanced photographic technology, making it ideal for both interior and exterior applications. While this cladding is available as a premium finish option, it may not be suitable for all door types. Please contact our team to discuss compatibility and custom solutions for your project.

**THINK DIFFERENT
THINK TITAN**

Premium Timber-Look Cladding for Door Systems

Covet's Ever Art Wood® aluminium cladding delivers the sophisticated appearance of real timber with the strength and durability of metal making it an ideal finish for modern door systems. Manufactured in Japan, these panels offer a photorealistic timber look that's both elegant and practical, without the maintenance issues of real wood.

Durable, Lightweight & Fire-Rated

Made from high grade aluminium, Ever Art Wood® is lightweight, corrosion-resistant, and suitable for both interior and exterior doors. It meets strict fire compliance standards (Group 1 fire rating), making it a safe and robust choice for residential and commercial applications alike.

Seamless Integration with Modern Door Designs

With a wide range of woodgrain finishes and profile options, this cladding integrates effortlessly with our door systems to enhance architectural aesthetics. Whether you're after a contemporary or classic look, Covet's surface textures and colours offer unmatched design flexibility.

Please Note:

While we use Covet as a trusted supplier, this cladding may not be suitable for all door types or applications. Please contact our team to confirm compatibility and explore tailored solutions for your project.



**Timber
Aesthetics with
Modern
Performance**

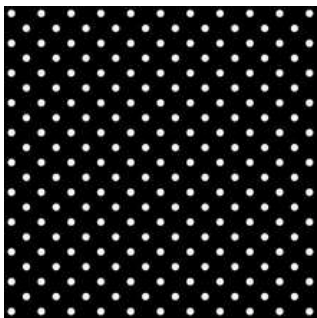
Perforated Metal

Perforated patterns and their unique capabilities.

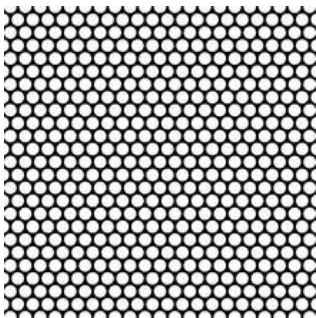
Titan Door Systems offers the option to incorporate high-quality perforated metal panels into your door design ideal for projects seeking modern aesthetics, airflow, or light filtration. Available in a range of patterns and materials including aluminium and steel, perforated metal can add a bold architectural element to both residential and commercial applications. Selected Dulux® colour finishes are also available to complement your overall design. Whether for visual impact or functional performance, perforated panels are a stylish and versatile solution available across our product range.

arrowmetal

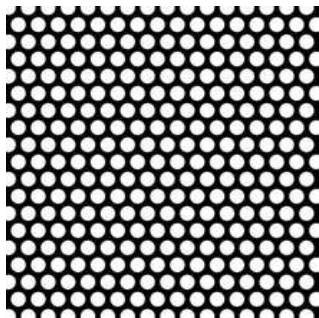
Uniformed Options



Pattern 214

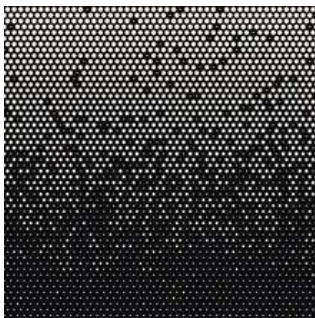


Pattern 223

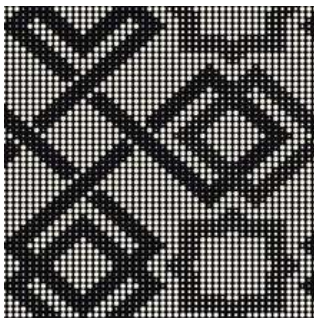


Pattern - 225

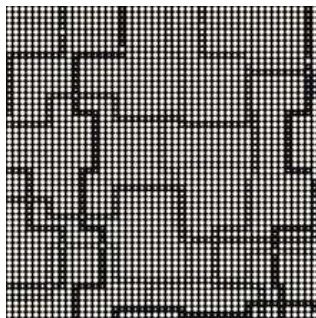
Custom design Options



Custom Pattern - Ombre

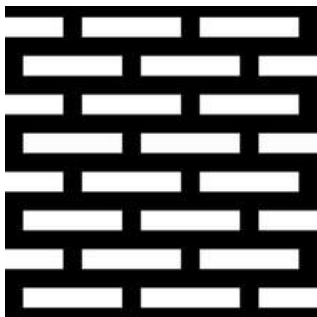


Custom Pattern - Oriental

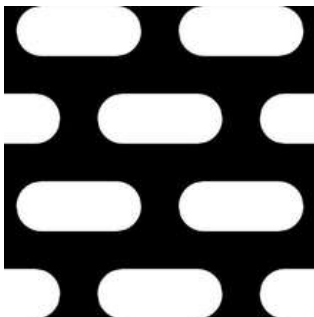


Custom Pattern - Ramble

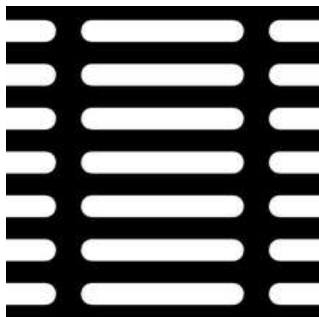
Elongation Options



Pattern 391



Pattern 384

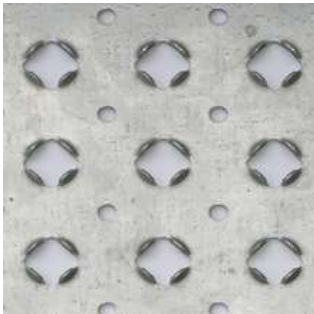


Pattern 379

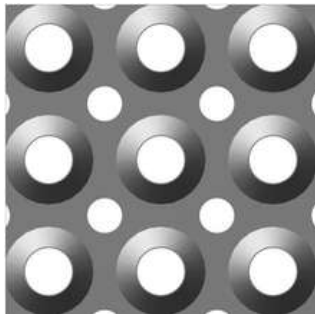
Indentation Options



Pattern 520

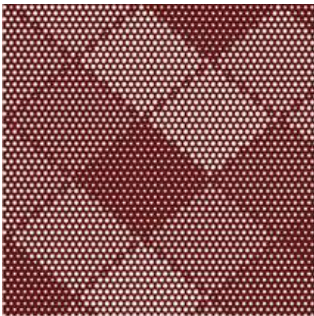


Pattern 524

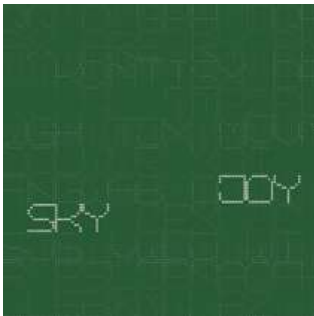


Pattern 545

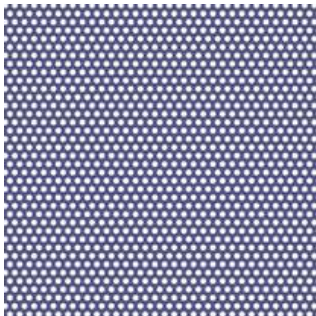
A visual representation of how the perforated metal may appear with color:



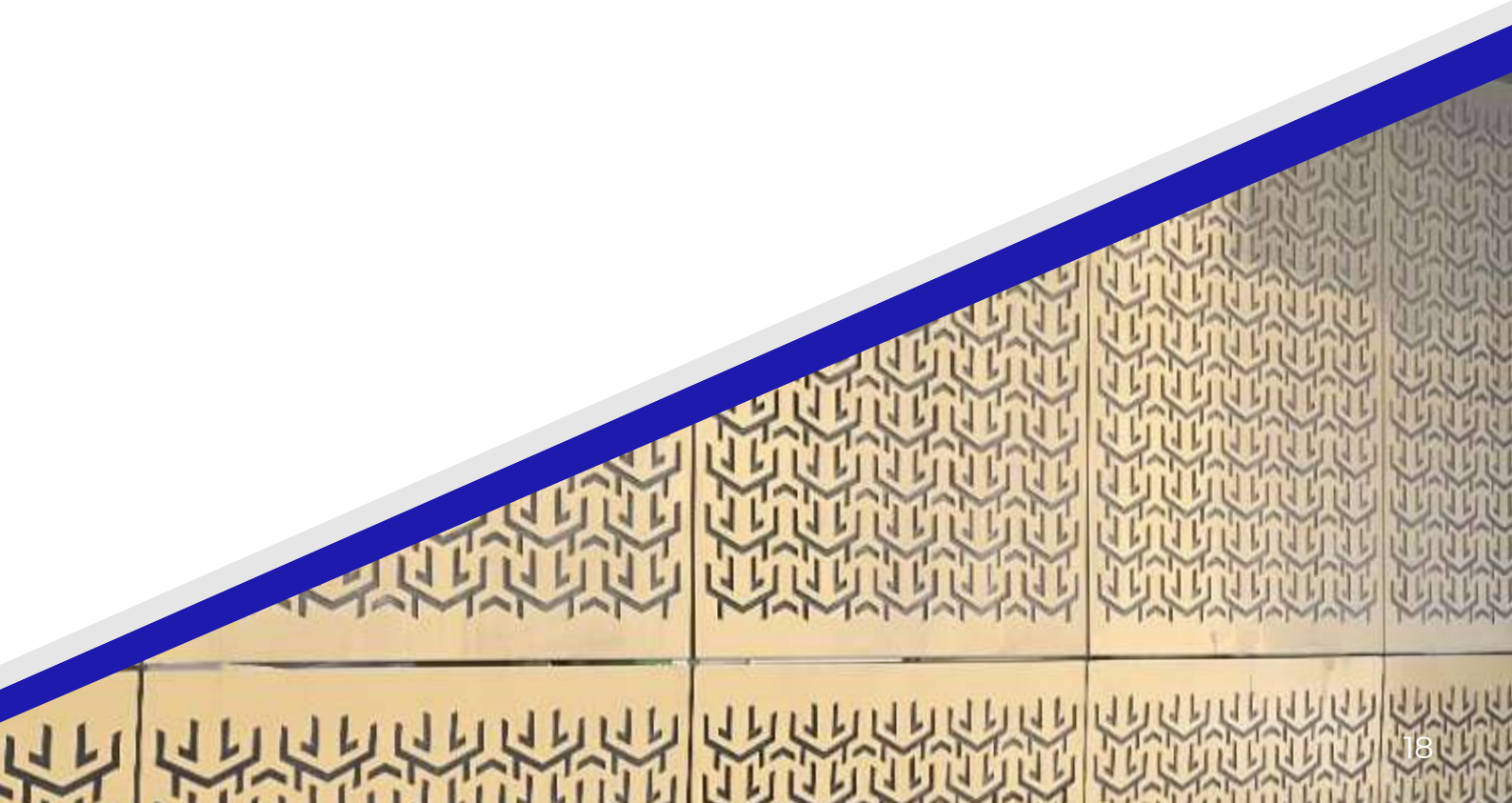
Custom Pattern – Tiles
Colour- Hunter Red
84209



Custom Pattern – Prose
Colour-Cottage Green
84219



Pattern 208
Colour-Blue Ridge
88480



A photograph of a modern house with large glass windows and a patio. In the foreground, there is a light-colored leather sofa with several pillows. The patio is made of concrete tiles. The house has a dark frame and large glass panels that offer a view of the outdoors. The background shows a garden with various plants and trees. The overall aesthetic is clean and modern.

WHY GLAZING MATTERS FOR YOUR DOORS?

Choosing the right glass isn't just about looks it's about how you feel in your space. Our curated glazing options enhance privacy, maximize natural light, and add character to every room. Whether you're looking for sleek modern designs or classic elegance, we have a solution for every door and every style.

GLAZING OPTIONS

DISCOVER THE PERFECT GLASS FOR YOUR SPACE

OUR GLASS, POWERED BY VIRIDIAN

We proudly use Viridian Glass as our trusted glass provider, ensuring every door we supply features industry leading quality, safety, and performance. As Australia's largest glass manufacturer, Viridian is renowned for innovation in energy efficiency, acoustic control, and design flexibility. By partnering with Viridian, we deliver glazing solutions that not only look stunning but also meet the highest standards for comfort, durability, and sustainability.



BE INSPIRED BY WHAT YOU SEE

ComfortPlus™ – Performance Laminated Glass

Ideal For: Residential and commercial applications requiring energy efficiency and UV protection.

Features:

- Low Emissivity (Low-E) Coating: Reduces heat loss in winter and minimizes solar heat gain in summer.
- Privacy Options: Available in translucent finishes for enhanced privacy.
- Safety: Grade A safety glass with laminated construction.

Benefits:

- Improved thermal insulation and glare reduction.
- Protection against UV fading of interiors.
- Enhanced comfort year-round.

DécorPattern™ – Textured Glass

Ideal For: Decorative applications requiring privacy, light diffusion, and a unique design element.

Features:

- Variety of Patterns: Available in a wide range of embossed textures and designs to suit both traditional and contemporary interiors.
- Light Diffusion: Softens incoming light while reducing visibility for increased privacy.
- Safety Options: Can be toughened or laminated for safety compliance.

Benefits:

- Adds texture and character to doors and partitions.
- Balances natural light and privacy without sacrificing aesthetics.
- Ideal for feature doors, bathrooms, and creative architectural applications.

VTough™ – Toughened Laminated Glass

Ideal For: Areas requiring high impact resistance and safety

Features:

- Enhanced Strength: Five times stronger than ordinary glass.
- Safety: Grade A safety glass that shatters into small, blunt-edged pieces upon breakage.
- Thermal Resistance: Suitable for areas subject to thermal stress.

Benefits:

- Increased safety in high-traffic areas.
- Durability in challenging environments.
- Versatility in various applications.

ComfortHush™ – Insulated Glazed Unit

Ideal For: Spaces where noise reduction and thermal insulation are priorities.

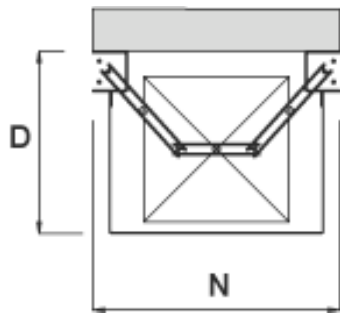
Features:

- Acoustic Performance: Designed to reduce unwanted noise transmission.
- Thermal Insulation: Enhances energy efficiency by minimizing heat loss.
- Customizable: Available in various configurations to suit specific needs.

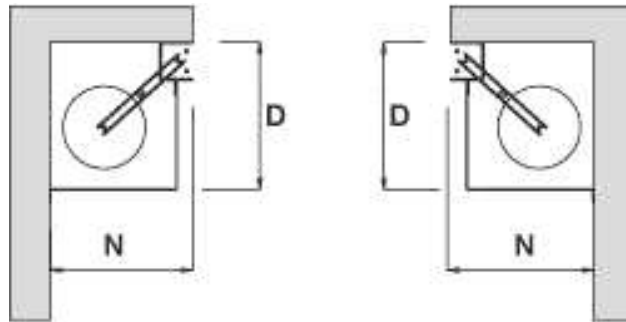
Benefits:

- Improved indoor comfort through noise and temperature control.
- Energy savings and reduced heating/cooling costs.
- Ideal for residential and commercial settings.

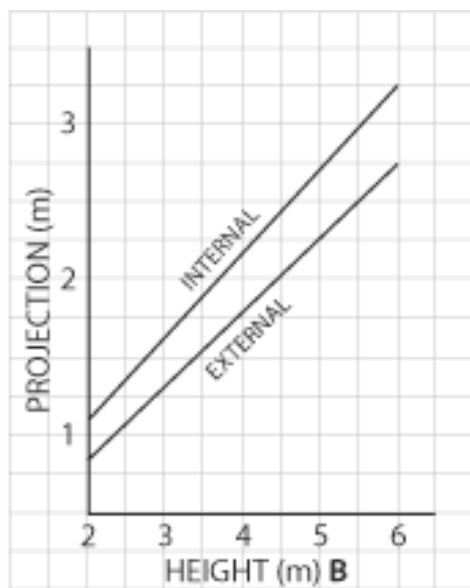
Technical Drawings



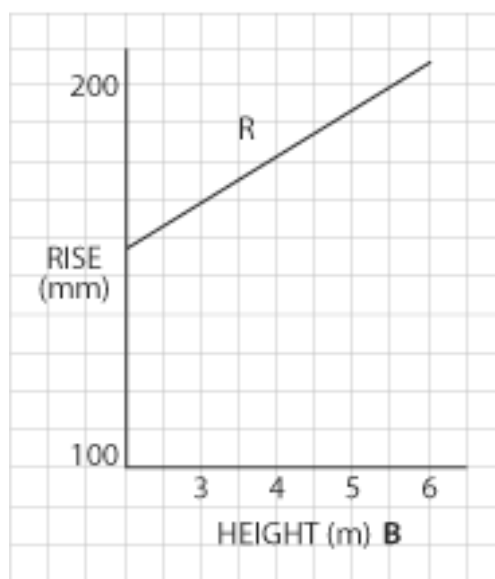
Common column between
two identical doors



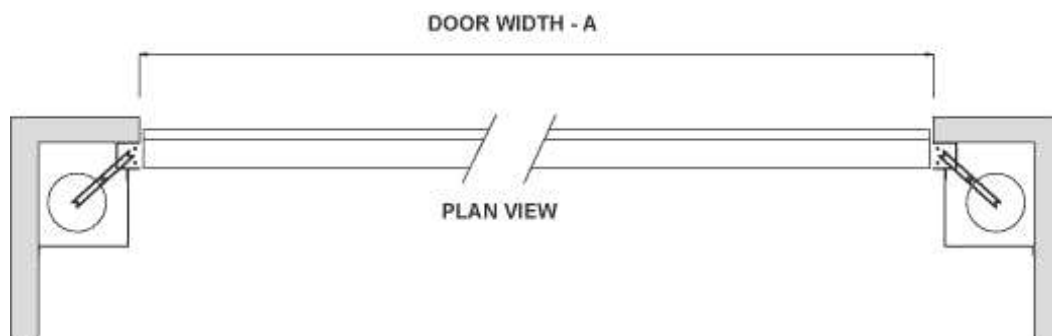
Counterweights each side
single door



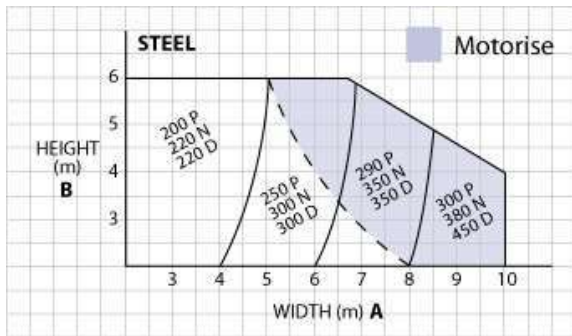
Position of open doors
Series 1000 projection



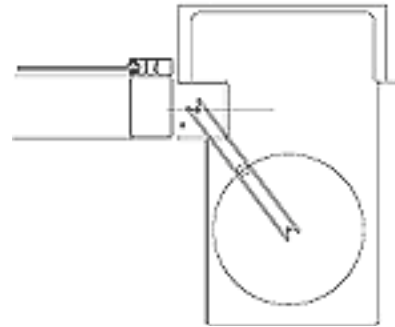
Series 1000 Door Rise D



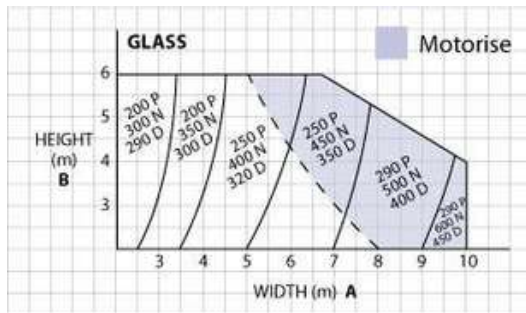
Technical Drawings



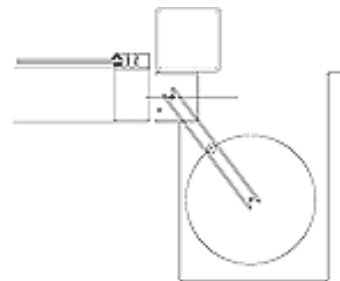
P = Pulley Headroom - min 430 for motorised
N = Room Width - add 25 for motorised
D = Room Depth



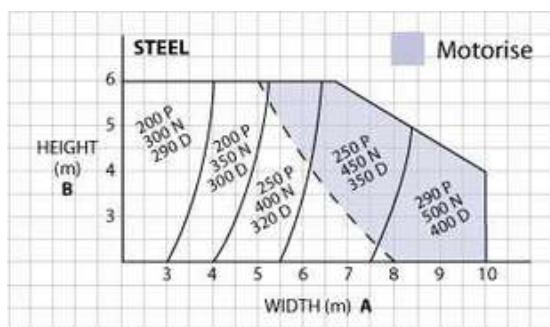
Typical Jamb Detail 1



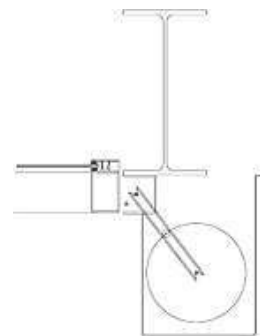
P = Pulley Headroom - min 430 for motorised
N = Room Width - add 25 for motorised
D = Room Depth



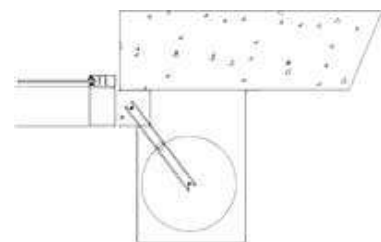
Typical Jamb Detail 2



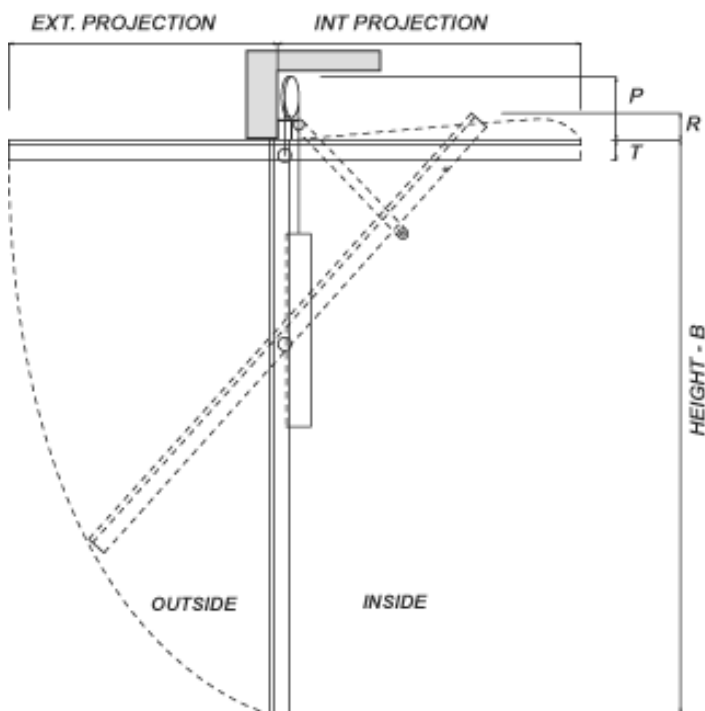
P = Pulley Headroom - min 430 for motorised
N = Room Width - add 25 for motorised
D = Room Depth



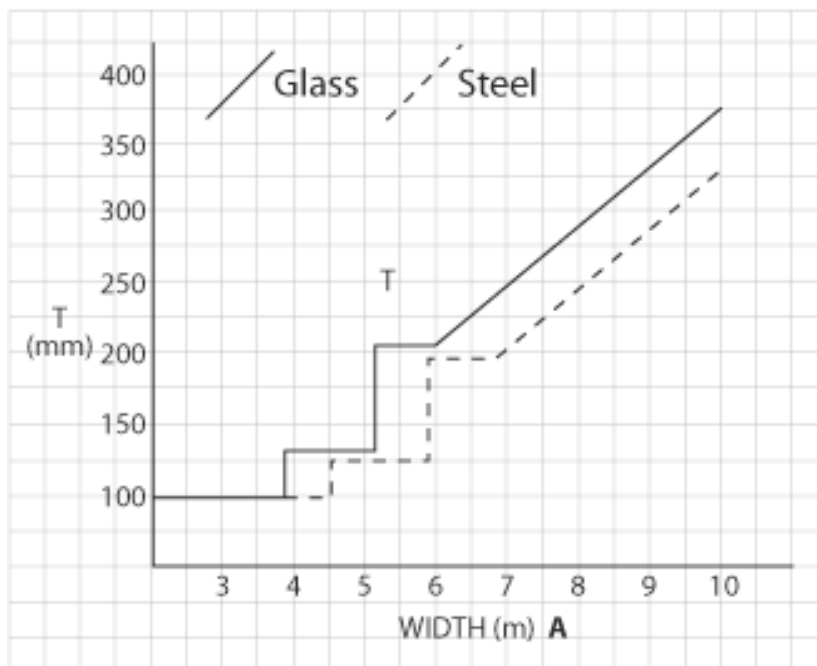
Typical Jamb Detail 3



Technical Drawings



Series 1000 Int/Ext Projection



Thickness under lintel

The next steps

1. Consultation and Quoting

It all begins with a conversation. We listen closely, offer expert advice, and provide clear, tailored quoting to ensure your goals are understood and aligned from the outset.

2. Design and Engineering

Our design and engineering teams bring creative insight and technical precision to each project, delivering solutions that are as structurally sound as they are visually refined.

3. The Manufacturing Stage

Our fabrication process reflects a commitment to excellence, with every component crafted using trusted materials and exacting standards.

4. Installation and Tutorial

Our skilled installers ensure every system is fitted with care, followed by a detailed handover to empower your team with full understanding and ease of use.

5. Ongoing Support and Maintenance

Our commitment doesn't end at installation. We provide continued support and maintenance to ensure optimal performance, long-term reliability, and lasting peace of mind.

Frequently Asked Questions

1. Does this door act as an awning?

Yes and no. While the door partially projects outward, only half of it extends externally the other half remains inside the building. For applications where a full awning effect is required, we recommend the HY1000 Hydraulic Door, which offers full external projection and better shade or cover.

2. How much noise does this door make?

Thanks to the dual 24V motor system and belt driven operation, the door functions with minimal noise, making it suitable for noise sensitive environments such as showrooms or residential settings.

3. What side room and head room does it need?

Typically, the door requires:

- Side room: 250 mm
- Headroom: 450 mm

However, these requirements may increase depending on the overall size of the door. Larger doors may need additional clearance.

4. What is the Duty Cycle, how many operations per hour?

The Dual Motor version is designed as an Architectural product with a low-duty cycle ideal for occasional use.

For higher frequency applications, an Industrial version can be built to handle up to 60 cycles per hour.

5. What are the standard sizes?

There are no fixed size limitations for this door it can be custom-made to suit various dimensions.

However, for very tall doors, special consideration must be given to transportation and site access, which can be a logistical challenge.

Have questions?

Get in touch with our Titan team.

**Reliable Info for
Every Door Decision.**



TITAN
DOOR SYSTEMS
TRANSFORMING SPACES



**Ready to Transform
Your Space?
Contact Us Today
for a Free
Consultation**

Contact Us today



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info@titandoorsystems.com.au



<https://www.titandoorsystems.com.au/>



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– By appointment only