

GS1000 & GS3000 GAS STRUT SINGLE & DUAL LEAF



TITAN
DOOR SYSTEMS
TRANSFORMING SPACES



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

Choose Functionality. 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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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

Using gas struts to support weight beyond manual lifting capacity, our single and dual leaf door designs can fully project either inside or outside the building. Tailored to each client's structural requirements, these doors are simple, effective, and engineered for smooth operation. By tilting around their pivot point into a horizontal overhead position, the doors form an awning when projected outward, opening up the facade to create a seamless connection between indoor and outdoor spaces. Both single and dual configurations provide increased weight capacity and flexibility, supported by hydraulics to ensure effortless manual operation. This design offers a practical and visually striking solution that enhances access and maximizes usable space.

Applications

Suitable for many commercial applications including:

- Shopping Centres
- Bar
- Tops
- Counter Tops
- Shopfronts
- Doorways
- Sports Complexes
- Arcades
- Clubs
- Gyms
- Restaurants



Design

The Gas Strut Single Leaf door system is engineered for manual operation, providing users with reliable, easy control. The door panel is supported by gas struts mounted on each side, with stroke length and bore specifically designed to support the door's weight and ensure smooth motion.

- **Control:** Manual operation
- **Operation:** Gas strut-assisted panel, with struts sized to handle the specific load
- **Locking:** Choice of mortice key lock or patio bolt lock, selected based on security and usage requirements
- **Frame:** Fabricated from either steel or aluminium tubing, chosen based on door size and structural load demands. The frame is sized according to the specific door dimensions for optimal strength.
- **Brackets:** Made from mild steel or stainless steel plate, designed to match the application and door size, ensuring structural stability and durability

Size

- **Maximum Width:** 2000 mm
- **Maximum Height:** 1000 mm

Finish

- **Cladding:** Compatible with glass, lightweight composite panels, or other suitably weighted materials
- **Frame:** Finished in a standard powder coating for enhanced durability and a clean, professional appearance

TRANSFORMING YOUR VISION INTO REALITY



TITAN
DOOR SYSTEMS
TRANSFORMING SPACES

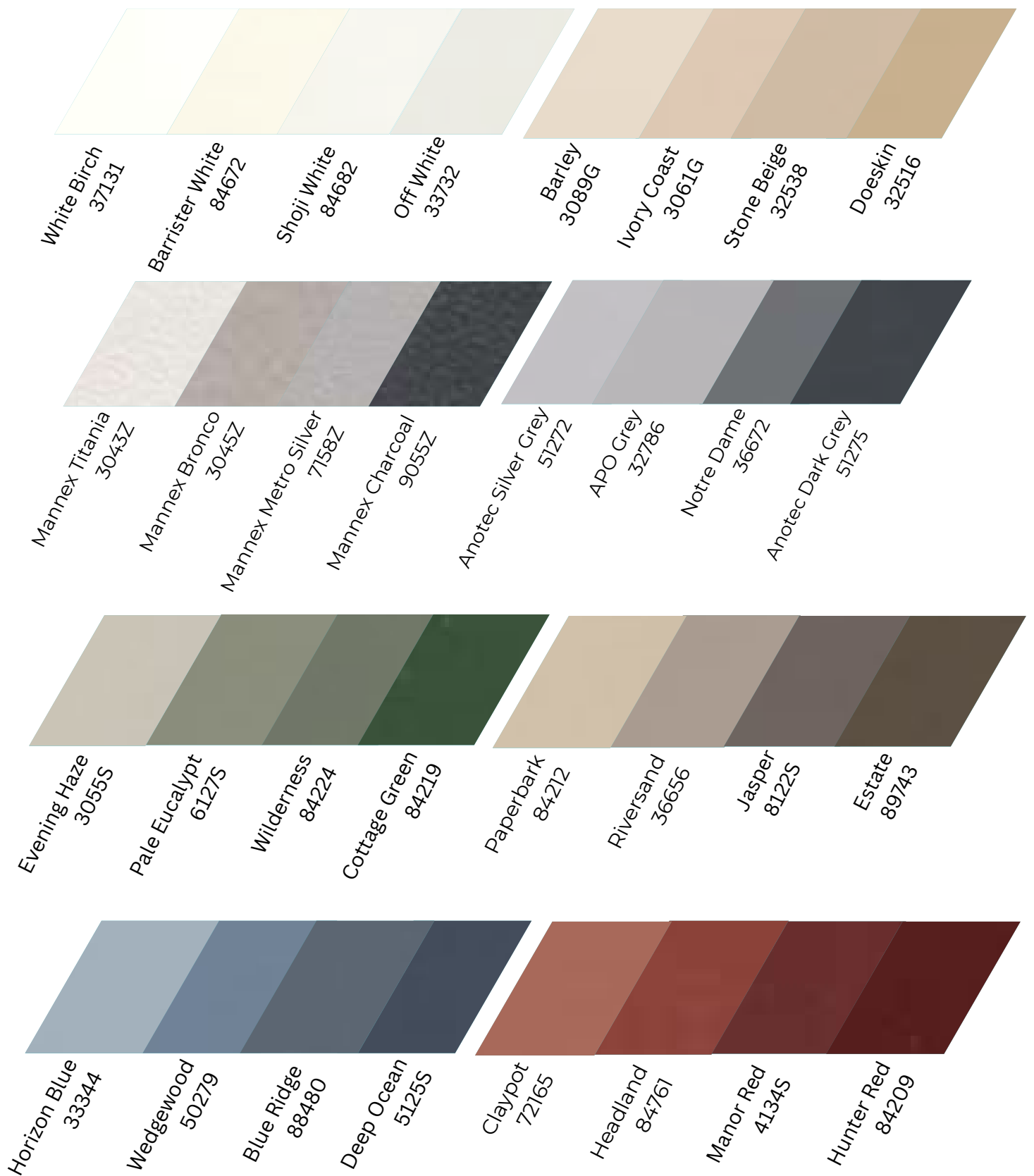
Duralloy Powder Coating Range

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**

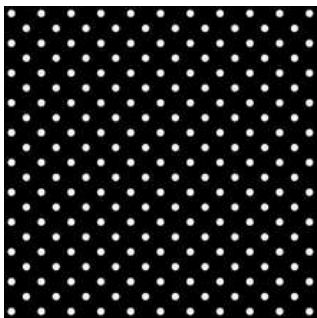
Perforated Metal

Perforated patterns and their unique capabilities.

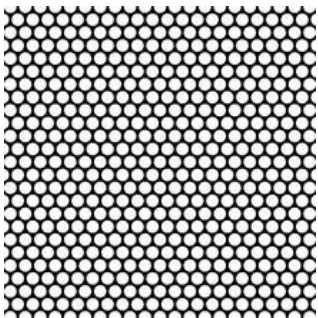
Titan Door Systems offers the option to incorporate high-quality perforated metal panels into your door design ideal for projects seeking modern aesthetics, airflow, or light filtration. Available in a range of patterns and materials including aluminium and steel, perforated metal can add a bold architectural 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

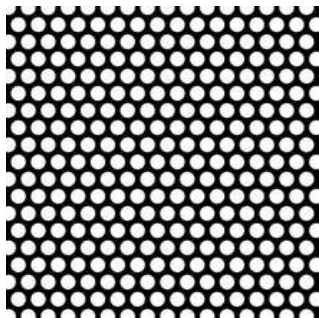
Uniformed Options



Pattern 214

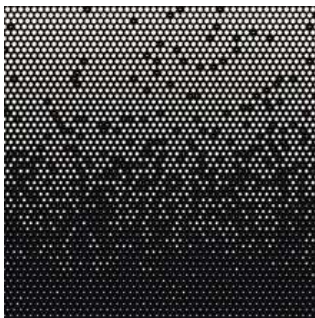


Pattern 223

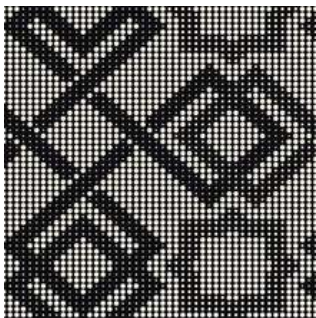


Pattern - 225

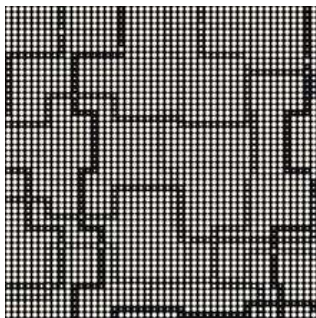
Custom design Options



Custom Pattern - Ombre

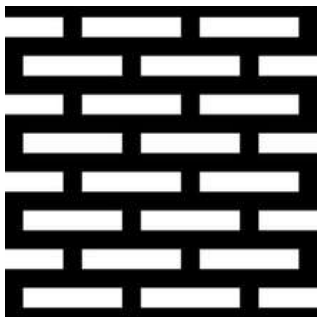


Custom Pattern - Oriental

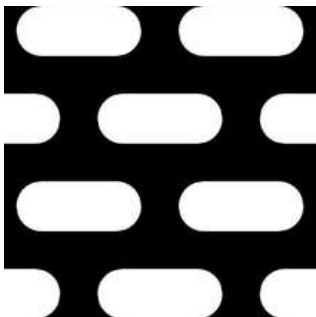


Custom Pattern - Ramble

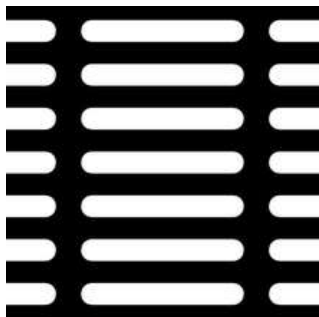
Elongation Options



Pattern 391



Pattern 384

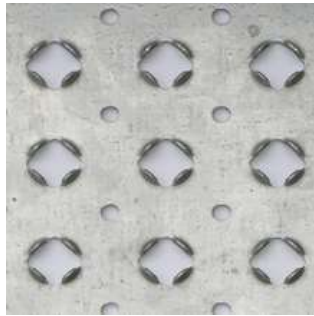


Pattern 379

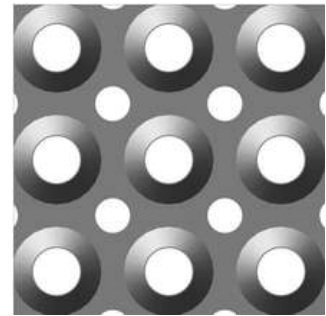
Indentation Options



Pattern 520

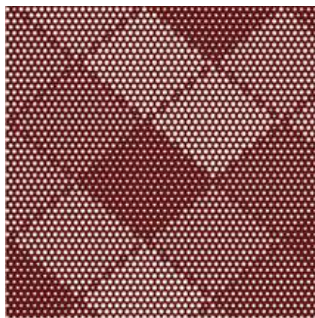


Pattern 524



Pattern 545

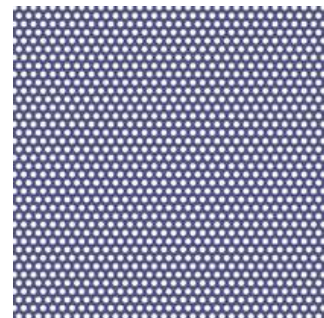
A visual representation of how the perforated metal may appear with color:



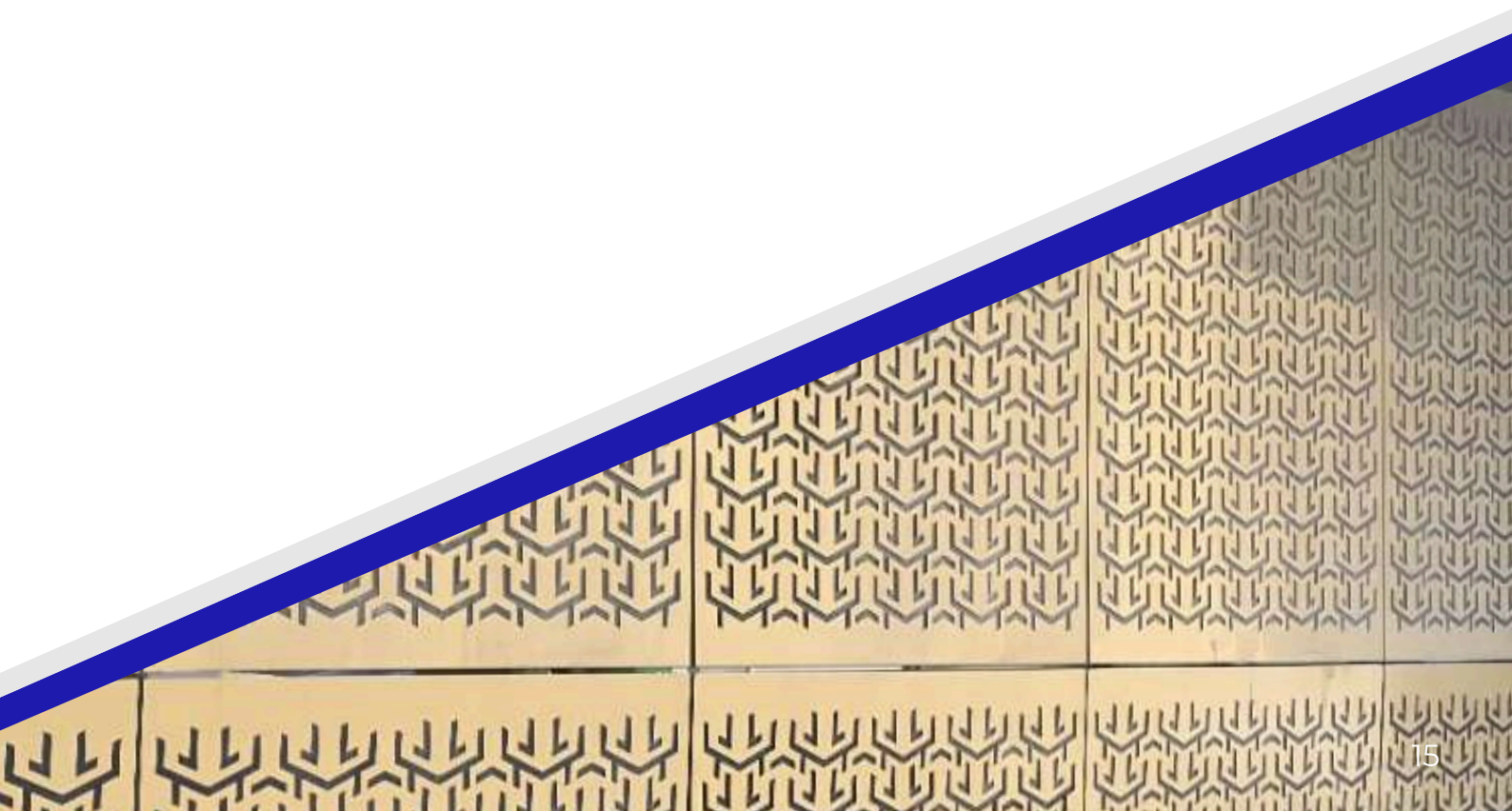
Custom Pattern – Tiles
Colour- Hunter Red
84209



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, a light-colored leather sofa with several pillows is visible. The patio is made of concrete tiles. The house has a dark frame for its windows and doors. The background shows a garden with various plants and trees. The sky is overcast.

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.

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. What are the standard sizes?

These doors are custom-designed to suit your specific opening and requirements. However, due to the manual nature of operation, we limit the maximum size to 2000mm in width and 1500mm in height to ensure safe and manageable use.

2. What side room and headroom are required?

No additional side room is required, as the door is installed within the opening. However, please note that it operates beneath the lintel, which will slightly reduce the clear opening height.

3. Can this door be motorised?

No, this product is designed for manual operation only. If motorisation is a requirement, we recommend considering our HY1000 or HY3000 models, which are suitable for powered applications.

4. Where is this door best suited?

This door is ideal for shopfronts, survey openings, and small-scale applications where lightweight and manually operated access is preferred.

5. Are there any Glazing Limitations?

Yes, this product supports only 4mm or 6mm single glazing. Double glazed units (DGU) are not compatible. For DGU applications, we suggest exploring our Counterweight or Hydraulic door ranges.



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Contact Us today**



<https://www.titandoor systems.com.au/>



info@titandoor systems.com.au



(03) 9034 6047



1 Wellington St, St Kilda 3182



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