

Clearspan Roller Shutters



TITAN
DOOR SYSTEMS
TRANSFORMING SPACES



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

Choose Simplicity. 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

The Clearspan design has gained strong recognition in recent years as a leading solution for commercial applications. Its ability to seamlessly blend robust security with a sleek, modern aesthetic makes it a standout in the industry.

Clearspan Shutters allow after hours product displays to remain visible, enhancing your presentation and maximising every marketing opportunity even when your business is closed.

Custom-built to suit a wide range of commercial spaces, these shutters not only safeguard against theft and unauthorised access but also offer protection from vermin intrusion.

Each shutter features a centrally mounted locking mechanism housed within the bottom rail. Security options include a sliding shoot bolt or a mortice key lock, depending on your specific requirements.

Applications

Suitable for many commercial applications including:

- Shopping Centres
- Bar Tops
- Counter Tops
- Shopfronts
- Doorways
- Bottle Shops
- Sports Complexes
- Arcades
- Clubs



Design

Curtain

The curtain is constructed from clear polycarbonate extrusions, each with a depth of 100mm, interlocked by symmetrical 30mm aluminium extruded members forming a continuous hinge. Each aluminium section is fitted with moulded end clips to prevent lateral movement and ensure smooth, reliable operation within the side guides.

Side Guide

Fabricated from 50mm x 33mm extruded aluminium, the side guides feature a false back to conceal fixings for a cleaner appearance. An optional Nylofelt buffer is available to further improve smooth and quiet operation.

Size

Available up to 3,600mm in height and 3,000mm in width. Custom sizing can be provided upon request.

Locking

A centrally mounted locking system is integrated into the bottom rail, offering enhanced security. Locking options include a two-way mortice key lock or a sliding shoot bolt.

Bottom Rail

The 90mm x 48mm extruded aluminium bottom rail includes a built-in locking mechanism with concealed locking rods. A PVC buffer can be optionally added for increased protection and durability.

Brackets

Constructed from 90mm x 40mm mild steel, the brackets are engineered to provide strong, stable structural support.

Roller Drum

The roller drum is constructed from a 229mm spiral ducted tube, mounted on ball bearing drum wheels that rotate smoothly around a 34mm steel shaft. The shaft is equipped with helical springs designed to counterbalance the curtain's weight during operation. Engineered for structural integrity, the drum delivers minimal deflection across its span, ensuring consistent and reliable performance.

Mullions

Mullions are crafted as one-piece extrusions for straight openings and two-piece designs for wider openings or multiple-door setups. The two-piece mullions are angle adjustable and feature a lift-out design secured with base-mounted shoot bolts for ease of use. For doors that meet at acute angles with restricted headroom, specially fabricated wide mullions made from aluminium sheet are used to support unique stacking configurations.

Product Operation

All doors are counterbalanced for manual operation, with optional motorisation available recommended for large-scale openings in terms of width or height.

Finish

Available in a range of anodised and powder-coated colours to suit both functional and aesthetic requirements.



Mini Clearspan Option

The Mini Clearspan option offers a robust and sleek design, featuring less polycarbonate and more aluminum to increase strength and durability. This design choice reduces the transparency of the door, providing added privacy and security while maintaining a modern, minimalist appearance. Additionally, the Mini Clearspan comes with the option to be tamper-proof, further enhancing its resistance to unauthorized access and ensuring greater peace of mind. Perfect for environments that require both strength and a reduced level of visibility, the Mini Clearspan combines practicality with style.



TRANSFORMING YOUR VISION INTO REALITY



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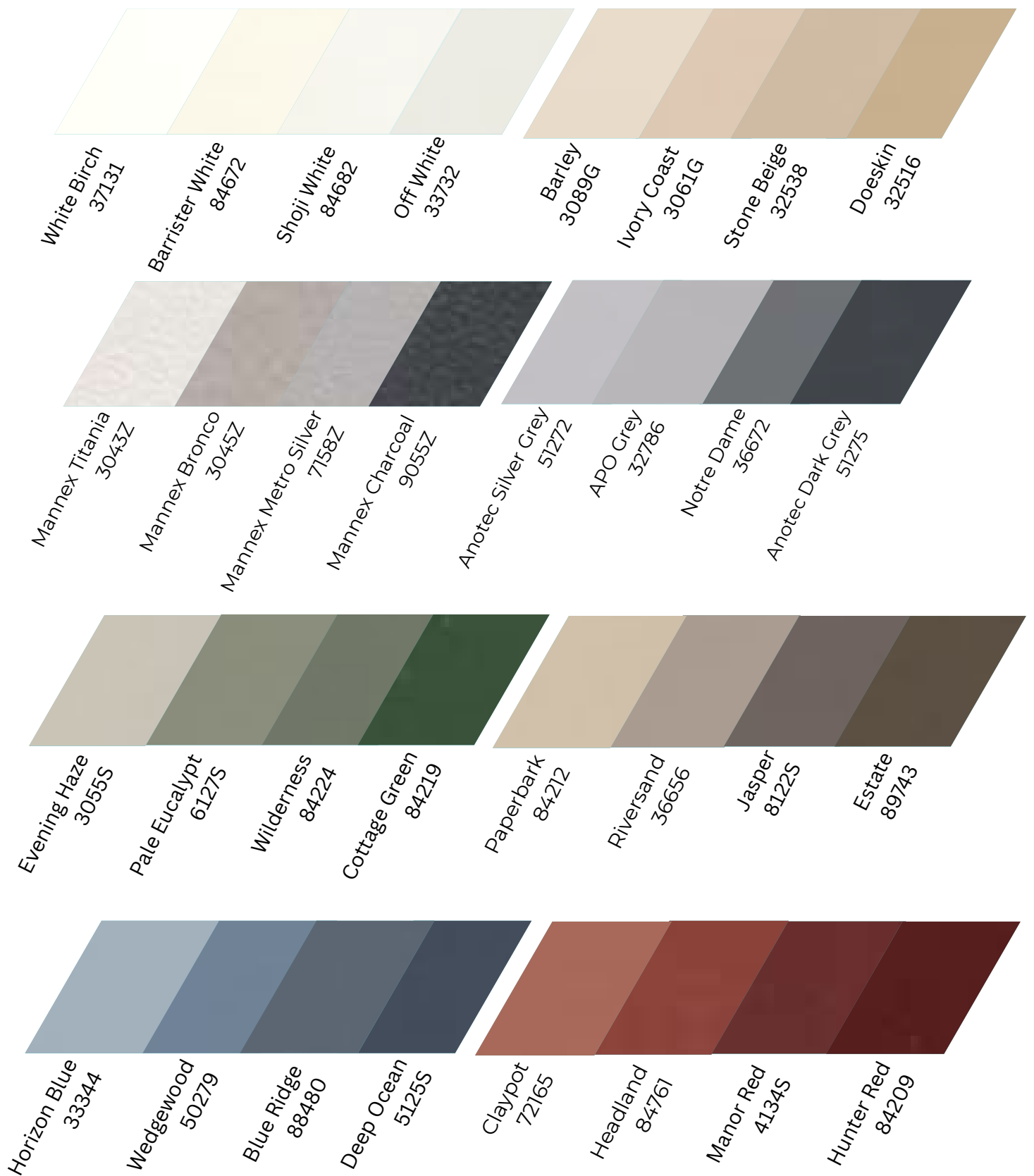
Duralloy Powder Coating Range

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.

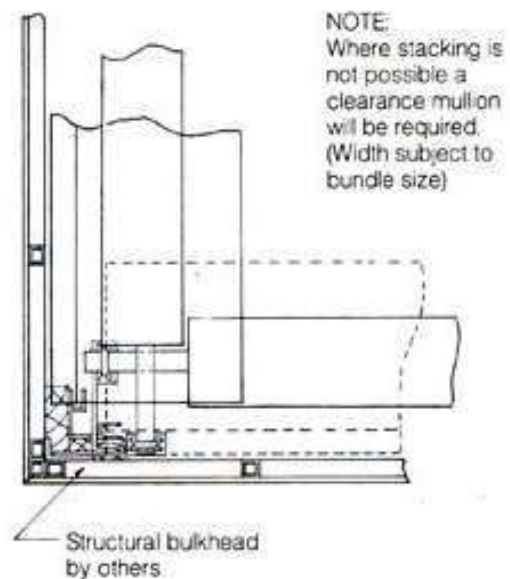
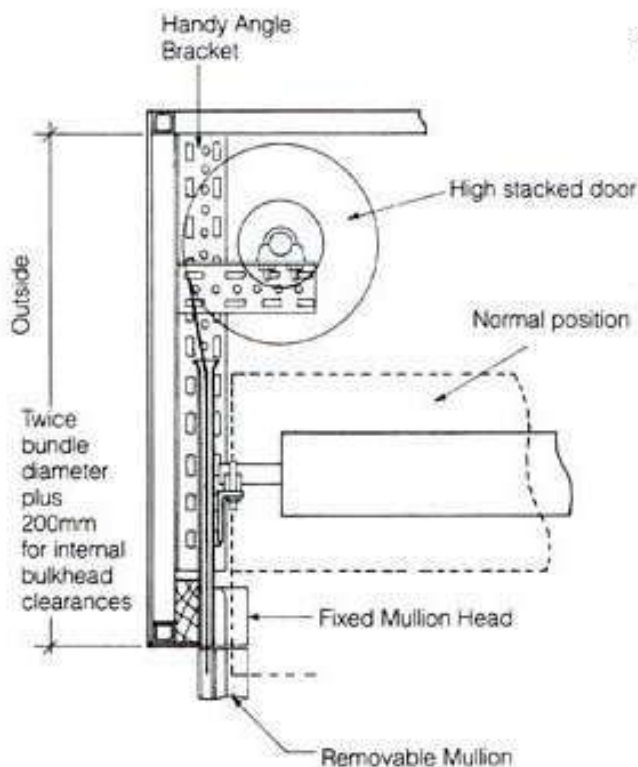
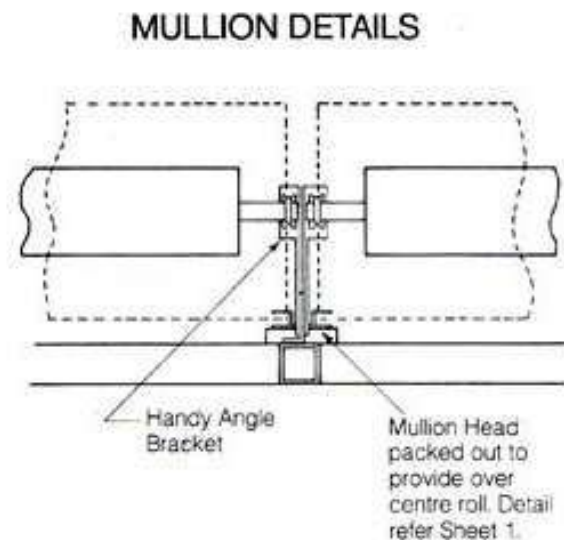
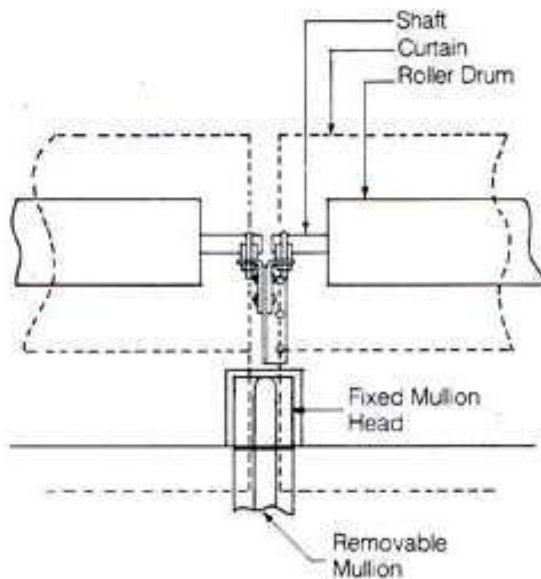
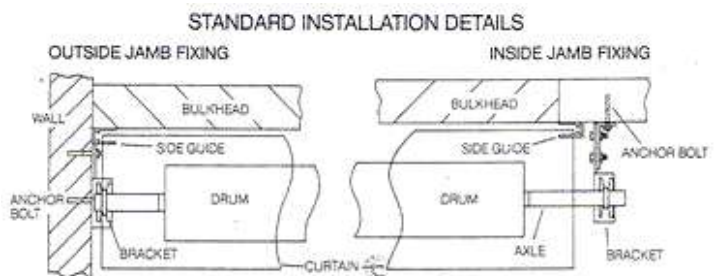
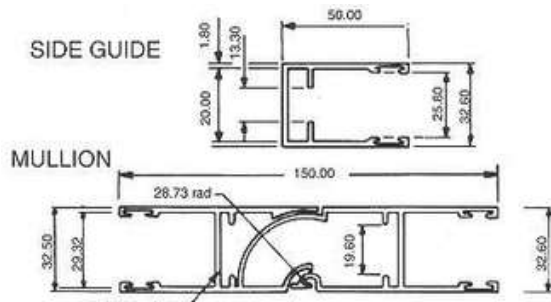
The Dulux logo is displayed in white, italicized, sans-serif font on a dark blue rectangular background. A thin red horizontal line is positioned directly beneath the blue rectangle.

Dulux®



Bringing Spaces to Life with Color

Technical Drawings



NOTE:
Where stacking is not possible a clearance mullion will be required. (Width subject to bundle size)

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 needs. While there is no fixed standard size, we recommend opting for the custom range for widths exceeding 7 metres to minimise deflection and ensure structural integrity.

2. How much visibility will I have?

Visibility is a key feature of this product. The full polycarbonate curtain allows maximum transparency, making it ideal for after-hours product displays. The Mini Clearspan version offers slightly less visibility due to the increased aluminium components, but improved strength.

3. What application do these doors generally get used?

These doors are ideal for locations where high visibility is required but airflow is not a priority such as retail shopfronts, interior commercial spaces, and display areas.

4. How secure is this product?

While not classified as a high security product, these doors provide a strong deterrent against unauthorised access. They are effective in preventing unwanted entry and are often sufficient for standard commercial use.

5. Can I install this product on my shopfront?

Yes, these doors are commonly installed on shopfronts and within retail spaces. When paired with our Tamper-Proof Pelmet System, they not only enhance security but also offer a sleek and modern appearance that complements contemporary shopfront designs.



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Contact Us today



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