



**ENGINEER CERTIFIED  
HOARDING SYSTEMS**

## STRUCTURAL ENGINEER CERTIFIED HOARDING SOLUTIONS

TITAN's patented free-standing system provides a structural engineer certified installation with zero fixing to floors or ceilings regardless of location.



### BUY | HIRE | INSTALLATION NATIONWIDE

TITAN is an Australian Patented product, designed and developed in 2009. What started as an idea turned into an obsession for TITAN's founder and inventor, Greg Bloom. TITAN systems underwent extensive infield testing throughout 2010 before being released to the wider market in 2012. TITAN is an AS 4687 Engineer designed, Engineer certified, Free-standing A Class Hoarding and Fencing system.

When developing TITAN there were only two design goals: 1. Safe; and 2. Simple. TITAN exceeds both.

**Safety:** through meticulous engineered design and testing coupled with strict manufacturing specification using only quality materials, TITAN is the safest system available.

**Simplicity:** cost effective Engineer Certified outcomes are achieved by following just 3 easy steps.

TITAN pioneered the counterweighted hoarding market and has quickly grown to be the largest and most trusted hoarding construction company in Australia. Our success has drawn international attention with distributors and trained installers now located in New Zealand and South East Asia.

TITAN continues to innovate and evolve as we explore different applications that provide our clients with One Engineered System, Multiple Adaptable Solutions™.

With our experienced team and a Nationwide network of distributors and trained installers, you don't need to look anywhere else for TITAN Engineer Certified Public Protection®.

TITAN is the lightest and most advanced hoarding system in Australia, structural engineer AS 4687 designed, tested & certified for internal and external use.

#### Internal Heights

Up to 7.2m high free-standing  
Over 7.2m with site specific engineering<sup>1</sup>

#### External Heights

Up to 3.6m high free-standing  
Over 3.6m with site specific engineering<sup>1</sup>

#### External Wind Rating

Up to 79m/s (284km/h) using standard configurations  
Over 79m/s with site specific engineering<sup>1</sup>

### STRUCTURAL ENGINEER CERTIFICATION

#### Australian Standards 4687:2007

Clause 4.3 Impact Loading  
Clause 4.5 Wind Loading  
Clause 4.2 Overturning and Climbing

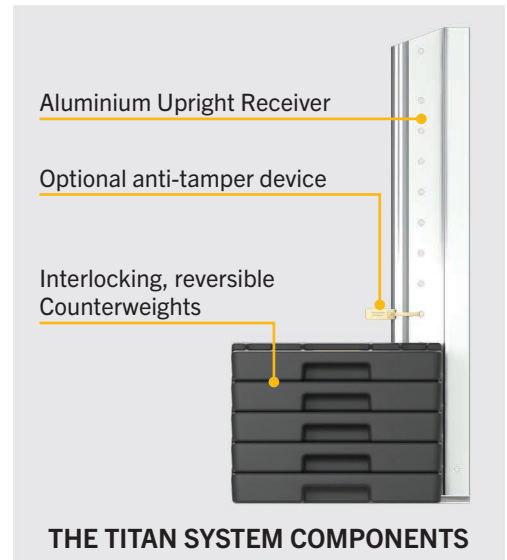
#### Additional Australian Standards compliance with:

AS 1720.1 -2010 Timber Structures Design Methods  
AS 1664.1 -1997 Aluminium Structures - Limit State Design  
AS 1170.1 -2002 Balustrade Crowd Loading (specific to the TITAN void barrier)

1. TITAN can arrange site specific wind speed assessments and engineered designs (additional charges may apply).

## WHY TITAN?

- Engineering Certification included
- Australian Made and Owned
- Australian Standards compliant
- Number 1 Hoarding Supplier in the world
- Safest, lightest, and most simple hoarding system available
- 100% Free-standing
- Suitable for use on uneven surfaces, stairs & ramps
- Uses readily available 70 x 45 MGP studs
- Environmentally friendly
- One system, multiple configurations
- Wind load capable up to 79m/s (284km/h) free-standing
- Access to a suite of OHS & QA documents
- Free installer training
- Ongoing support and technical advice
- Access to industry experts



## EASY AS 1, 2, 3

- ▶ 1. Place TITAN upright supports and counterweights at approx. 1200mm centres
- ▶ 2. Insert either 70 x 45 MGP10 or TITAN ECO® pine alternative into the TITAN upright
- ▶ 3. Stand panel, fix at specified centres and repeat

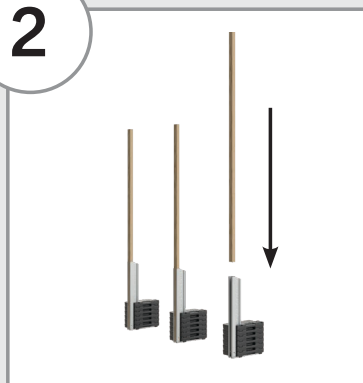
### Installation is as easy as 1, 2, 3

- ▶ Anti-tamper device is optional
- ▶ Doors can be added if required

1



2



3



# BUY, HIRE & INSTALLATION NATIONWIDE



TITAN Hoarding Systems are the original and the best modular temporary hoarding systems. TITAN is a free-standing modular hoarding system that lets you build or have built an Engineer Certified internal or external hoarding system. Being free-standing means there is no damage to floor or ceilings and there is no ground penetration for external hoardings, even with wind speeds of up to 284km/h!  
TITAN Hoarding Systems are available to buy, hire or have installed, nationwide.

## BUY

Investing in your very own TITAN Hoarding System allows you to control your project costs or even build your own hoarding installation business! TITAN Hoarding System's modular design means that components are sold individually so you only need to purchase what you require specific to your project and you can always buy or hire additional components at any time if required.  
Owning a quantity of TITAN components makes commercial sense.

## HIRE

Hiring TITAN components saves you time and money. You only hire what you need so you never have to worry about storage. TITAN has depots across this expansive country so wherever your site is located, we have you covered. The flexibility of hiring saves you time, money, space and reduces your environmental footprint. With long term, short term, and project rates available, contact us now to discuss your requirements.

## INSTALLATION

TITAN Hoarding Systems has a network of Distributors and Trained Installers Australia wide offering fast, professional, and safe hoarding installation. With the largest number of trained installers in the country, you can have a hoarding supplied, installed, and removed whenever, wherever.  
TITAN Distributors and Trained Installers undergo comprehensive theoretical and practical training so you can be confident that your hoarding will be installed safely, efficiently and to the highest standard.

## TRAINING

While TITAN Hoarding Systems are easy to install, Safety is of the utmost importance which is why TITAN offers comprehensive product training to anyone that wants to install a TITAN hoarding. Whether you are an owner operator or a large organisation that wants your team trained, learn how to install a TITAN Hoarding System efficiently by the experts.

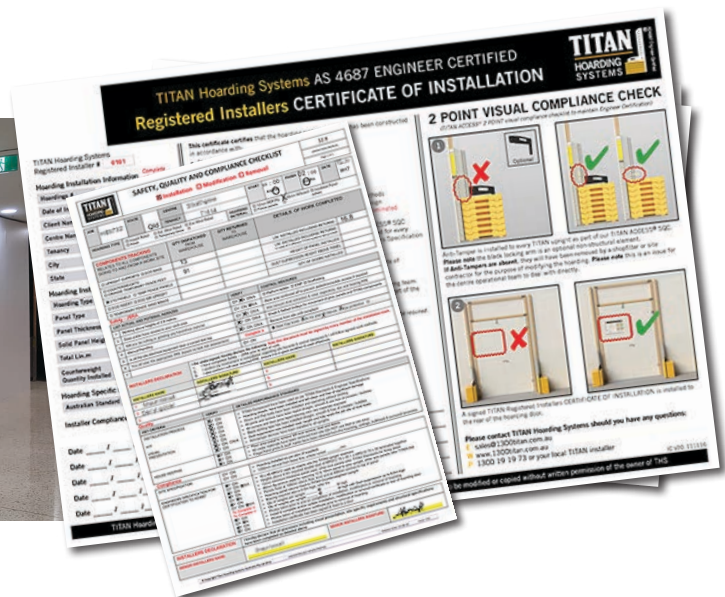


**We Guarantee It!**

All TITAN structural components are covered by a 10 Year Full Replacement Warranty for any manufacturing defect. The component will be picked up and replaced directly to you at no cost. (T&C's apply)



TITAN TRAINED INSTALLER - MACKAY



# HOARDING CONFIGURATIONS



TITAN is an Engineer designed and certified hoarding support system, providing adaptable solutions for retail and construction sites across Australia.

The unique patented design can be used internally and externally in a number of configurations, to suit your site requirements. TITAN can even be installed on ramps, stairs, and uneven surfaces.

All TITAN Hoarding Systems come with Engineering Certification when installed in accordance with our easy to follow instructions.



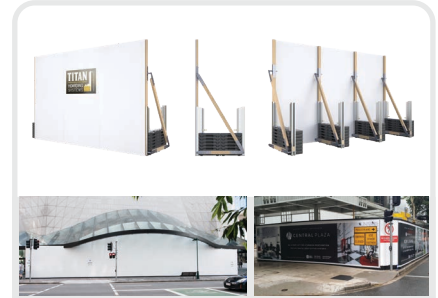
### INTERNAL (A CLASS) / SHOPFRONT

A Class / Shopfront Hoardings free-stand up to 7.2m and provide isolation of the work site from public areas by restricting site access to authorised personnel only.



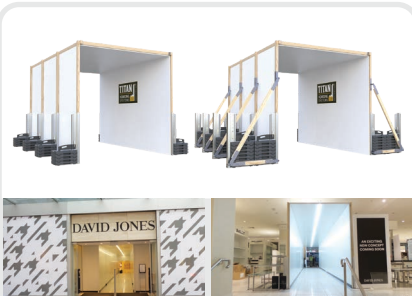
### KIOSK/WORK ZONE

At 1.2m high, these hoardings are perfect for hoarding shopping centre kiosks, food court retailers, malls and airports or any other work site where lines of sight need to be maintained.



### EXTERNAL WIND RATED

Free-standing up to 3.6m high, these hoardings have been designed and engineered to withstand wind loading of up to 79 m/s (284+ km/h). Greater heights and wind speeds can also be achieved just ask us how.



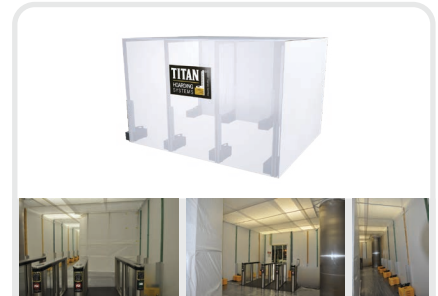
### CONSTRUCTION PORTAL

This hoarding allows for a safe passage through a construction site and can also be used to maintain egress. The portal can even be dressed in graphics, lights, and other finishes!



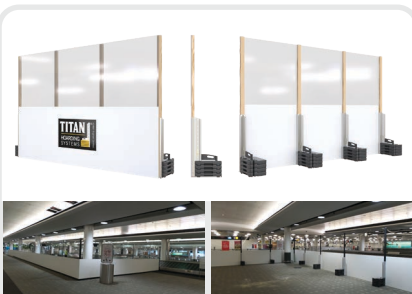
### BALUSTRADE REPLACEMENT

This makes work over voids easy & protects the public in the process. This system is ideal in the redevelopment stages of shopping centres.



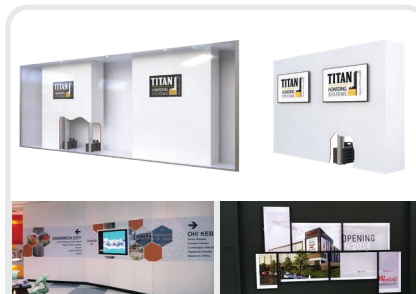
### DUST ENCAPSULATION

Used for environmental and dust control, this hoarding stops airborne dust particles escaping the work zone.



### 12-24 SECURITY BARRIER

Designed for use where visual lines of sight must be maintained for security reasons or to showcase your work in progress.



### DISPLAY WALL

Turns an empty tenancy or blank space into an advertising opportunity. This hoarding can be installed as a visual aid, a media wall backdrop, to advertise products or services or simply as a statement feature.



### ZERO-TRIP FENCE BASE

An Australian Award-winning product that converts any standard 32mm OD temporary fence into a pedestrian safe, trip-free solution. The patented design removes the protruding fence feet eliminating the risk of trips and falls to the public.

## “TITAN sets the hoarding industry benchmark”

ITEM	SPECIFICATION
Structural Engineer Certified to Australian Standards	AS 4687:2007 AS 1720.1-2010 Clause 4.5 Wind Loading AS 1664.1-1997 Clause 4.3 Impact Loading AS 1170.1-2002 Clause 4.2 Overturning and Climbing
Height Capabilities	Internal: 1.2 to 7.2m high free-standing External: 1.2 to 3.6m high free-standing Greater heights can be achieved with site specific engineering
Wind Loading	Free-standing wind load capable of up to 79m/s (284km/h). Required wind load is determined from site location.
TITAN Component Materials	Upright Receiver: Structural aluminium (Weight 6kg) Counterweight: UV balanced polymer filled with high grade concrete (Weight 12kg approx.)
Stud Size	TITAN uses readily available 70 x 45 pine stud (Internal: MGP10 & External: MGP12)
Hoarding Panels	TITAN can be used with multiple panel materials and thicknesses such as: 12mm MDF, 15mm Ply, 16mm Laminate & 50mm EPS (cold room panel) and 1 & 2 hour (PIR) fire rated panel
Materials Handling	TITAN components have been ergonomically designed. TITAN counterweights have handholds for manoeuvrability and are the lightest of any counterweighted hoarding system.
OHS and QA Documentation	OHS documents are based on AS/NZS 4801 principles Quality Assurance documents are based on ISO 9001 frameworks
System Security	Optional anti-tamper device
Environmentally Responsible	TITAN's upright receiver and counterweights have been designed with an expected life cycle of more than 25 years. They are reusable and can be recycled.
Uses	Suitable for internal and external applications, such as: <ul style="list-style-type: none"> <li style="width: 33%;">• Shopfronts</li> <li style="width: 33%;">• Airports</li> <li style="width: 33%;">• Casinos</li> <li style="width: 33%;">• Retail Spaces</li> <li style="width: 33%;">• Hospitals</li> <li style="width: 33%;">• Commercial</li> <li style="width: 33%;">• Construction Sites</li> <li style="width: 33%;">• Train Stations</li> <li style="width: 33%;">• Industrial</li> </ul>

**TITAN ENGINEER CERTIFIED PUBLIC PROTECTION®**

# DON'T COMPROMISE SAFETY



TITAN was specifically designed and developed to eliminate outdated and unsafe hoarding installation practices. Don't compromise the safety of your staff and the general public. Use a TITAN free-standing hoarding system for a safe Engineer Certified solution.

## Hoardings Connected to Plaster Ceilings have been **CONDEMNED NATIONALLY** by Structural Engineers

“...cannot be Engineer Certified or deemed compliant to AS 4687-2007”

“...there is a high risk of collapse and danger to the public”

“A Form 16 cannot be used by a trade or builder to certify that a hoarding is structurally certified”

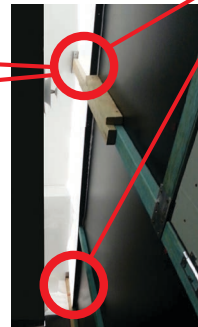


A wide range of independent Structural Engineer reports consistently confirm these facts.



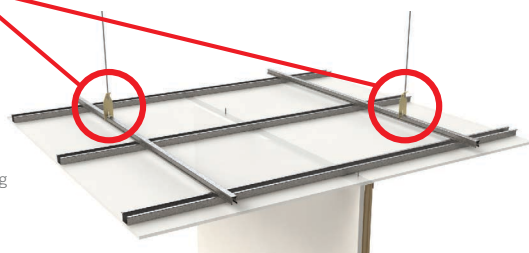
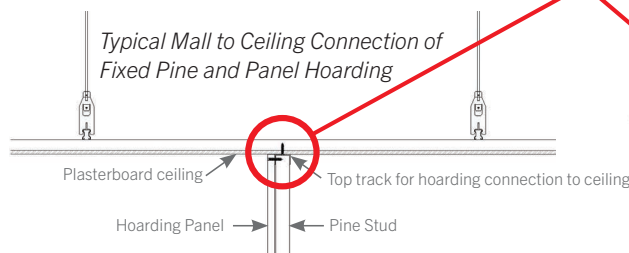
Outdated, flawed and dangerous hoarding construction is still in use by 95% of the industry

### HOW CAN THIS BE CONSIDERED SAFE?



**NO MANUFACTURERS OF MALL CEILING** materials will warrant the mall ceilings being used as a structural connection point for hoardings

**NO STRUCTURAL ENGINEER** will certify a plaster ceiling being used as a structural connection point for hoardings



Contact TITAN today  
to enquire or to arrange  
delivery to your site  
Australia Wide



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AS 4687 Wind and Impact Engineer Certified System  
Patent in Australia and New Zealand

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