



USA - AUSTRALIA - NEW ZEALAND



The Pinnacle of  
Engineering Excellence

*Since the 1990s*



With a singular focus on engineered tent structures, we've honed our craft for over three decades.

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In the world of structural solutions, we offer true modularity for your ever-evolving needs. Our clear span structures encompass a versatile range from 10m to 60m, boasting eave heights that can scale from 3m to 8m. What's more? We provide a suite of essential features, including insulation, roller doors, HVAC systems, and more, all available for rent on your property; and for those seeking durability underfoot, our robust flooring solutions can support even the heaviest machinery on environmentally sensitive sites.

We've spent over 30 years pioneering innovative engineering solutions. Our rich history is marked by relentless innovation and expertise.

## Why Choose Us

When you choose Trade Structures, you're choosing a name trusted for both defense and the containment of hazardous materials in urban land remediation projects. By working with us, you're contributing to the transformation of urban land, creating space for residential and commercial development.

## What We Offer

**Commercial Warehousing Solutions:** Our commercial warehousing solutions redefine efficiency by optimising your existing infrastructure and personnel. Say goodbye to the need for additional locations and embrace the full potential of your current resources.

**Reliable Fabric Buildings:** Custom-built fabric structures are at the heart of what we do. These cost-effective marvels are highly adaptable, offering the flexibility your projects demand.





## Industries We Serve

We craft tailored structural solutions that embody flexibility, durability and efficiency. Our services cater to defence, environmental remediation and the commercial and industrial sectors. Whether it's warehousing for military operations, hazardous material containment for environmental remediation, or rapid and adaptable structures for commercial and industrial use, we have the solution.

- In the military domain, we provide rapid-response forward deployment warehousing capable of withstanding the harshest weather conditions. These massive structures emerge from just 6 standard 40-foot containers, featuring a colossal 50m of clear span and a length of 100m on 6m side eaves.
- For environmental contractors, our air-tight structures offer containment solutions on vast land masses, safeguarding against hazardous materials.
- In logistics warehousing for commercial and industrial sectors, we deliver expansive on-site solutions for both short and long-term rental needs.

Trade Structures

# Case Studies



## 01 Trade Structures - Excellence in Remote Project Environments

### Background

Trade Structures, a leading construction and infrastructure solutions provider, undertook a challenging project in remote Central Australia. A consortium of organisations, including CSIRO, ANSTO, and the Defence Department, required specialised infrastructure for sensitive operations in the remote Australian outback. The project included constructing two tent structures meeting stringent Australian building standards and an isolation room for testing hazardous materials.

### Challenges

1. Compliance with Standards: Meeting Australian Building and client consortium standards in a remote location.
2. Harsh Environment: Dealing with extreme weather conditions in Central Australia
3. Isolation Room Design: Creating a secure environment for hazardous material testing.

### Solutions

1. Innovative Construction: Using modular construction techniques to exceed standards.
2. Environmental Adaptability: Designing structures to withstand harsh conditions.
3. Isolation Room Excellence: Employing advanced technology for a secure testing environment.

### Result

The project showcased TS' commitment to delivering excellence in challenging environments. The structures not only provided a secure environment for sensitive operations but also ensured that the isolation room met rigorous safety standards. This project reinforced TS' reputation as a reliable partner for complex projects in remote locations.





## 02 South Australian Gas Works Project - Reclaiming Urban Space

### Background

The Adelaide Gas Works site, marred by hazardous gas tar pits, posed a threat to the urban area. Enviro Pacific Australia sought to transform this land into a thriving urban development while ensuring safe excavation and treatment.

### Challenges

1. Safe Excavation: Handling hazardous materials near urban housing.
2. Effective Enclosure: Creating a workspace for efficient excavation and remediation.

### Solutions

Trade Structures provided airtight tension structures to enclose the tar pits, ensuring safety, efficiency, relocatability and responsible handling of materials

### Result

The South Australian Gas Works Project succeeded in reclaiming urban space, all while meeting safety and environmental standards. This innovative solution showcased the power of collaboration and environmental responsibility.



## 03 Logistics Australia - Expanding Operations

### Background

Logistics Australia had a strategic goal of expanding their chemical operations by quickly establishing a storage facility for imported chemicals such as soda ash.

### Challenges

1. The need for speed in setting up the facility
2. Navigating regulatory hurdles
3. Long-term sustainability of their operations

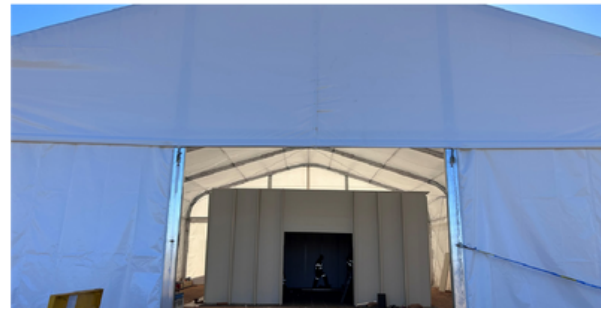
### Solutions

Trade Structure offered a 3000sqm relocatable aluminium warehouse, delivered and installed within 8-12 weeks. The solution was designed for temporary use but met permanent building standards.

### Result

Logistics Australia successfully expanded their operations and seamlessly transitioned the facility into a permanent structure, highlighting TS' exceptional adaptability and cost-effectiveness.





## 04 Trade Structures - Transforming Military and Humanitarian Infrastructure

### Background

TS offers adaptable and rapidly deployable infrastructure for military and humanitarian sectors. Their aluminium tension-framed structures with clear spans of up to 60m, serve diverse needs. Such as aircraft hangars and forward deployment of logistic facilities.

### Challenges

Both sectors require rapid, cost-effective and adaptable solutions to meet dynamic requirements.

### Solutions

TS provided a 750sqm structure that was swiftly assembled, showcasing their efficiency and adaptability.

### Result

TTS' tent structures have transformed military and humanitarian infrastructure. Their commitment to engineering excellence has not only met but exceeded the highest standards, shaping the future of rapid deployment in dynamic environments.

## Structures

Visualise our structures in action with our comprehensive video demonstration. Detailed specifications are readily available upon request.

**Thank you for considering Trade Structures.**



### **Trade Structures**

Melbourne, VIC AUS

Dallas Fort Worth, TX USA

Auckland, NZ (Pacific Nations)

**Phone:** +61 413 444 356

**Email:** [info@tradestructures.com.au](mailto:info@tradestructures.com.au)

### **Business Hours:**

**Monday - Friday: 9:00 AM - 6:00 PM**

**Saturday & Sunday: Closed**

