



Seismic Resistant Aluminum Alloy Party Marquee Tent Wind Load Engineered for Chile

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: ISO 9001:2015, CE, SGS, TUV
- Model Number: AL-PMT
- Minimum Order Quantity: 1 Set (flexible; fleet orders welcome)
- Price: USD 3,000 - 20,000 / Set (by size & engineering)
- Packaging Details: Reinforced frame bundle; PVC cover in woven bag; hardware & connectors in labeled carton; export-grade sea-worthy packing
- Delivery Time: 15-25 days for stock items, 25-40 days for production orders
- Payment Terms: T/T, L/C, PayPal, Western Union, Trade Assurance
- Supply Ability: 400 Sets per Month



Product Specification

- Frame Material: Hard-pressed Extruded Aluminum Alloy 6061/T6, Reinforced
- Structural Design: Site-specific Wind And Snow Load Calculation
- Wind Resistance: Engineered Up To 100km/h With Specified Anchoring
- Connections: Hot-dip Galvanized / Stainless Hardware, Cross-bracing
- Seismic Design: Ductile Frame, Flexible Connections, Enhanced Safety Margin
- Roof Cover: 850gsm Double PVC-coated Polyester, UV Treated
- Span Range: Custom 3m To 40m
- Certification: ISO 9001:2015, CE, SGS, TUV Tested
- Anchoring: Ground Plates, Stakes Or Concrete Ballast Per Site
- Fire Retardant: DIN 4102 B1 / M2 / NFPA 701

Product Description

ALUMINUM ALLOY MARQUEE TENT MANUFACTURER · CHILE MARKET

A structurally engineered party marquee designed for Chile's earthquake and high-wind zones — reinforced 6061/T6 frame, certified connections and site-specific load calculations.

6061/T6

REINFORCED ALUMINUM FRAME

100km/h

WIND RATING (ENGINEERED)

Site-Specific

WIND & SNOW LOAD DESIGN

Certified

ISO 9001 / CE / SGS

Overview

Chile sits on the Pacific Ring of Fire and experiences frequent seismic activity, while its coasts and valleys see strong, gusty winds. A party tent here must be **engineered**, not merely assembled. This **seismic-resistant, wind-load-engineered aluminum party marquee tent** uses a reinforced **6061/T6 aluminum frame**, heavy-duty connectors and a bracing system calculated for each specific site.

We provide **site-specific load calculations** and anchoring recommendations, so engineers, event organizers and public authorities can approve the structure with confidence.

Structural Engineering for Chile

Seismic-aware design: ductile aluminum frames and flexible connections that tolerate ground movement rather than cracking.

Wind load engineering: cross-bracing, reinforced eave and ground anchor points sized for gusty coastal and valley zones.

Site-specific calculations: we model wind and snow loads for your actual location before production.

Certified materials: traceable aluminum profiles and documented fabric fire testing.

Engineer-ready documentation for permits and public-event approvals.

For professionals searching "*carpa antisísmica para eventos*" or "*carpa de aluminio resistente al viento*", this is the engineered answer.

Product Advantages

Extra safety margin: designed with a higher structural safety factor for public gatherings.

Documented compliance: calculations and test reports support permits and insurance.

Reinforced connections: hot-dip galvanized and stainless steel hardware resists corrosion and fatigue.

Rapid deployment for relief: can serve as emergency shelter in disaster-response situations.

Modular & scalable: expand or combine units while keeping structural integrity.

Long service life: durable frame that survives repeated transport and assembly.

Technical Specifications

Frame Material	Hard-pressed extruded aluminum alloy 6061/T6, reinforced
Structural Design	Site-specific wind and snow load calculation
Wind Resistance	Engineered up to 100 km/h with specified anchoring
Connections	Hot-dip galvanized / stainless hardware, cross-bracing
Roof Cover	850 g/sqm double PVC-coated polyester, UV treated
Span Range	Custom from 3 m to 40 m
Fire Retardant	DIN 4102 B1 / M2 / NFPA 701 compliant
Certification	ISO 9001:2015, CE, SGS, TUV tested
Anchoring	Ground plates, stakes or concrete ballast per site
Warranty	Written structural warranty

Typical Applications in Chile

- Large public events and festivals requiring engineering approval
- Exhibition and trade-fair halls
- Mining and industrial site shelters in exposed regions
- Emergency and disaster-relief shelter programs
- Sporting events and outdoor broadcast venues

Customization & Engineering Support

- Site-specific engineering drawings and load reports
- Reinforced configurations for high-wind or high-snow zones
- Custom span, height and length
- Insulated linings and climate-control options
- Branding, colors and printed graphics
- Integrated lighting, staging and power routing

Why Trust Us — E-E-A-T at a Glance

Choosing a marquee supplier is a long-term decision. Below is exactly how we earn the trust of event companies, rental firms and project contractors across Latin America.

Experience — over 10 years, 1,000+ delivered projects

More than 10 years of dedicated aluminum marquee manufacturing, with a senior engineering team averaging 8+ years of

tent structure design.

1,000+ events and projects supplied worldwide, including tents now operating in Chile and across South America.

Our engineered structures support clients in seismic and high-wind regions across Latin America.

Expertise — engineered, not just assembled

In-house structural calculations for wind and snow loads; frame profiles are stress-tested before release.

Custom CAD drawings and 3D renderings issued for every order so you can approve before production.

Professional engineers who understand event logistics, sea freight and site installation.

Authoritativeness — certified and standard-compliant

Quality system certified to **ISO 9001:2015**; products tested to **CE, SGS and TUV** requirements.

Fabrics and components compliant with international fire-retardant standards (DIN 4102 B1 / M2 / NFPA 701).

A regular exhibitor at international sourcing fairs and a verified platform supplier.

Trust — transparent from quotation to after-sales

Real factory, real people: video factory tour and live production photos available on request.

Third-party inspection and pre-shipment QC report issued for every batch.

Written warranty, readily available spare parts, and a Spanish-friendly after-sales team.

Shipping & Installation to Chile

We ship to Chile regularly and understand the local import flow. Your goods can be delivered FOB to a Chinese port or CIF/DDP to a Chilean destination, depending on what suits your business best.

Main Chilean Sea Ports	San Antonio · Valparaíso · Iquique · Antofagasta
Container Loading	Standard 20GP / 40GP / 40HQ; frame and covers packed separately to save container space
Packing	Frame in bundle with protective wrap; PVC fabric in woven bag; hardware in carton
Lead Time	Stock items 7–15 days; production orders 20–35 days after deposit
Documents	Commercial invoice, packing list, B/L, certificate of origin, test reports
Installation Support	Engineering documentation accompanies every shipment; Step-by-step manual and install video included; remote guidance available.

Frequently Asked Questions — Decision Support

How do you account for earthquakes and wind?

We reinforce the frame and connections and issue site-specific wind/snow load calculations. Ductile aluminum and flexible joints help the structure tolerate ground movement safely.

Can you provide engineering documents for permits?

Yes. We can supply drawings, load calculations and material/test certificates to support event permits and insurance.

Is this tent suitable for public events?

Yes — it is designed with an enhanced structural safety margin for large public gatherings, subject to site-specific engineering.

Do you deliver and help with installation in Chile?

We ship to Chilean ports and provide manuals, install videos and remote guidance. On-site support can be arranged for larger projects.

What warranty and spares are included?

A written structural warranty plus readily available spare components to keep your fleet operational.

What is the minimum order quantity?

Flexible — contact us with your project scope for an exact quotation.

Tell us your event type, preferred dimensions and quantity — our engineers reply within 24 hours with drawings, pricing and a shipping plan to Chile.

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Product: Seismic Resistant Aluminum Alloy Party Marquee Tent.



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