



Earthquake Resistant Aluminum Alloy Party Marquee Tent Seismic Zone for Ecuador

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
- Documentation: Drawings, Load Reports, Material/test Certificates

Product Description

ALUMINUM ALLOY MARQUEE TENT MANUFACTURER · ECUADOR MARKET

A structurally engineered marquee for Ecuador's seismic zones — ductile aluminum frame, certified connections and site-specific load calculations for total peace of mind.

6061/T6

REINFORCED ALUMINUM FRAME

100km/h

WIND RATING (ENGINEERED)

Site-Specific

LOAD CALCULATION

Certified

ISO 9001 / CE / SGS

Overview

Ecuador sits on the Pacific Ring of Fire and was shaken by the devastating 2016 Manabí earthquake, while its coast and mountains also see strong winds. A party tent here must be **engineered**, not merely assembled. This **earthquake-resistant, seismic-zone aluminum party marquee tent** uses a reinforced **6061/T6 aluminum frame**, heavy-duty connectors and a bracing system calculated for each site.

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

Structural Engineering for Ecuador

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

Wind load engineering: cross-bracing and reinforced anchor points sized for coastal and mountain 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*" in Ecuador, 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 hardware resists corrosion and fatigue.

Rapid deployment for relief: can serve as emergency shelter after seismic events.

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
Seismic Design	Ductile frame, flexible connections, enhanced safety margin
Roof Cover	850 g/sqm double PVC-coated polyester, UV treated
Span Range	Custom from 3 m to 40 m
Certification	ISO 9001:2015, CE, SGS, TUV tested
Anchoring	Ground plates, stakes or concrete ballast per site
Documentation	Drawings, load reports, material/test certificates

Safety & Compliance Checklist for Public Events

For large public gatherings, organizers and authorities expect documented safety. Every engineered marquee can be delivered with:

- Site-specific wind and snow load calculation report
- Structural drawings and connection details
- Aluminum profile material certificates
- Fabric fire-retardant test reports (DIN 4102 B1 / M2 / NFPA 701)
- Anchoring plan and installation instructions
- Written warranty and maintenance guidance

This documentation helps you win approvals faster and protects you with insurers and clients.

Typical Applications in Ecuador

- Large public events and festivals requiring engineering approval
- Exhibition and trade-fair halls
- Coastal and highland enterprise shelters
- 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. Here 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 Ecuador and across South America.
- Our engineered structures support clients in seismic and high-wind regions across Latin America, including Ecuador.

Expertise — engineered, not just assembled

- In-house structural calculations for wind and snow loads; frame profiles stress-tested before release.
- Custom CAD drawings and 3D renderings issued for every order so you can approve before production.
- 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.

Aluminum vs Steel vs Pop-up Tents

Not all event structures are equal. Here is why an aluminum-frame marquee is the better long-term choice than steel or cheap pop-up tents:

Weight & Handling	Aluminum frame — lighter, faster to transport and erect with fewer people
Corrosion	Aluminum — resists rust; ideal for humid and coastal Ecuador
Assembly	Keder roof and quick-lock joints — hours, not days
Service Life	Rental-grade aluminum — survives repeated setup and takedown
Customization	Any span, color, branded print and full accessory range
Resale / Rental Value	Strong — aluminum frames hold value across many seasons

What’s Included in Every Order

Aluminum frame (6061/T6) with all connectors and hardware

Heavy-duty PVC roof cover (850 g/sqm, UV treated)

Side-wall options (PVC / glass / ABS / mesh, removable)

Illustrated assembly manual and install video

Spare parts kit and anchor set

Export packing and full shipping documents

Shipping & Installation to Ecuador

We ship to Ecuador regularly and understand the local import flow. Your goods can be delivered FOB to a Chinese port or CIF/DDP to an Ecuadorian destination (the country uses the US dollar), whichever suits your business best.

Main Ecuadorian Sea Ports	Guayaquil · Puerto Bolívar · Manta · Esmeraldas
Container Loading	Standard 20GP / 40GP / 40HQ; frame and covers packed separately to save 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 and snow load calculations. Ductile aluminum and flexible joints help the structure tolerate ground movement safely.

Can you provide engineering documents for permits?

Yes. We 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 Ecuador?

We ship to Ecuadorian 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 Ecuador.

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Product: Earthquake Resistant Aluminum Alloy Party Marquee Tent.



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