

Hurricane Rated Aluminum Frame Party Marquee Tent for Coastal Island Venues

Our Product Introduction

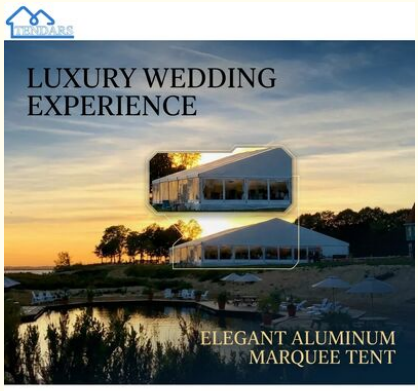
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: CE, ISO 9001, EN 13782, DIN 4102 B1 fabric
- Model Number: TD-PMT-18
- Minimum Order Quantity: 1 set
- Price: USD 25 - 95 per square meter
- Packaging Details: Frame in bundles by assembly order, fabric folded with interleaving, fittings in labelled crates
- Delivery Time: 15-25 working days after drawing confirmation
- Payment Terms: T/T 30% deposit, balance before shipment; L/C at sight
- Supply Ability: 12000 square meters per month



Product Specification

- Frame Material: Hard-pressed Extruded Aluminum 6061/T6
- Frame Profile: 64 / 82 / 100 / 120 Mm Series By Span
- Roof Fabric: 650-850 G/sqm Double PVC-coated Polyester
- Side Wall: PVC, Clear PVC, Glass Panel, Mesh, ABS Hard Wall
- Wind Load: Engineered Configuration With Written Operating Limits
- Snow Load: Steeper Pitch And Reduced Purlin Spacing Options
- Fire Retardant: DIN 4102 B1 / EN 13501 B-s1,d0 On Request
- Application: Exposed Island Venues
- Warranty: 5 Years Frame, 2 Years Fabric
- Service: Shop Drawings, Supervisor Installation, Lifetime Spares
- Highlight: **Hurricane Rated Aluminum Party Marquee Tent**,



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Product Description

Some island venues are simply exposed. There is no lee, no building to break the wind, and no second chance if a structure fails. For those sites we specify at the upper end of our range: heavier profile sections, shorter leg spacing, continuous bracing, and anchoring designed for rock or thin soil rather than for a garden lawn. The result is a structure that behaves predictably in conditions that would deform a light event tent.

Predictable behaviour is the real objective. A tent that flexes within its design range and returns to shape is safer than a stiffer structure that fails suddenly. Our engineer reviews site exposure, ground conditions and event duration before recommending a configuration, and the anchoring plan is issued as a document rather than a verbal suggestion.

Key Features and Selling Points

- **Heavy profile sections:** Thicker wall aluminum profiles increase bending resistance and reduce deflection under gust loading.
- **Continuous bracing:** Bracing in every bay rather than alternate bays, appropriate for fully exposed coastal sites.
- **Rock and thin soil anchoring:** Chemical anchors, rock bolts and ballast frames for ground conditions where stakes cannot be driven.
- **Engineered configuration review:** Site exposure and ground conditions are reviewed before a configuration and anchoring plan is issued.
- **Reinforced fabric attachment:** Keder and clamp details hold roof and wall panels securely when pressure changes rapidly.
- **Documented operating limits:** Wind thresholds for use, partial opening and evacuation are supplied with the structure.

Technical Specifications

Parameter	Specification
Profiles	Heavy wall aluminum sections
Bracing	Continuous, every bay
Anchoring	Chemical anchor, rock bolt, ballast frame
Documentation	Written configuration and operating limits
Frame material	Hard-pressed extruded aluminum alloy 6061/T6, anodized finish
Frame profile series	64 mm / 82 mm / 100 mm / 120 mm square profiles by span
Bay spacing	3 m / 4 m / 5 m modular bays, extendable at any time
Eave height options	2.5 m to 4 m clear height, higher on request
Roof fabric	650 g / 750 g / 850 g per sqm double PVC-coated polyester, blackout available
Side wall options	Solid PVC, clear PVC, glass panel, mesh, glass door, ABS hard wall
Fire performance	Fabric meeting DIN 4102 B1 / EN 13501 B-s1,d0 on request
Wind load guidance	Engineered configuration by site exposure, documented operating limits
Snow load guidance	Steeper pitch and reduced purlin spacing for snow regions
Temperature range	-30 C to +70 C service range for fabric and frame
Design life	15 years frame, 8 to 10 years fabric under normal use
Warranty	5 years on aluminum frame structure, 2 years on PVC fabric

All values are configuration dependent. Final specifications are confirmed on the approved drawing before production.

Configuration Guide for Croatian Buyers

Use the table below to match the structure to your site exposure and event type. Our engineers confirm the final configuration against photographs of the ground, the prevailing wind direction and the event duration.

Duty level	Typical use	Recommended build
Light duty	Garden parties, short events, sheltered inland sites	64 mm profile, alternate bay bracing
Standard duty	Weddings, corporate functions, coastal towns in summer	82 mm profile, cross-braced bays, mixed walls
Heavy duty	Exposed coast, island venues, public events, winter use	100-120 mm profile, full bracing, engineered anchors

Applications

This specification is reserved for fully exposed sites: island promontories, open quays, headland terraces and coastal venues without natural shelter. It is chosen for destination weddings on remote islands, regatta events, film and photo productions on location, and any event where postponement is not an option. Inland users with open farmland sites also select it where windbreaks are absent.

What Site Information We Need

For an exposed site we ask for four things: photographs of the ground in each direction, the nearest weather station data, the planned event duration and the maximum number of people inside at one time. With those four inputs we can propose a configuration, an anchoring plan and an operating limit that the organiser can defend to a venue or a safety officer.

We also recommend a decision deadline. Organisers should agree in advance the wind forecast at which the event moves indoors or is postponed, and who has authority to make that call. Deciding in calm weather is easy; deciding at four in the afternoon with guests arriving is not, and pre-agreed thresholds remove that pressure.

Why Croatian Event Buyers Work With Tendars

Seventeen years of export work has taught us that the difference between a good marquee and a frustrating one is usually invisible in a photograph: a seam that holds, a clamp that does not slip, a panel that still fits in year six. We build for that timeline rather than for the first season, which is why rental companies and hotel groups return for additional structures instead of replacing what they already own.

Our client base covers rental fleets, hotels, wedding planners, marinas and municipal event departments, with deliveries into more than 60 countries and a growing presence in Croatia and neighbouring Adriatic markets. That spread matters practically, because it means a specification tested in coastal salt air, inland snow and festival dust has already met the conditions a new buyer is worried about.

Service continues after delivery. Spare panels, legs, beams, fittings and profile sections remain available for the life of the structure, and our team can review photographs of a damaged part and confirm within a day whether it can be repaired on site or must be replaced. For larger projects a supervisor can attend the first installation so the crew learns the sequence correctly from the start.

Notes for the Croatian Market

Croatian buyers tend to compare three things before price: whether the frame will survive a bora season, whether the fabric will still look white after a summer of sun, and whether spare parts can be delivered before the next event. Our proposals answer those questions in writing, with anchoring options by ground type, UV stabilised fabric specifications and a clear statement of what is held in stock.

Seasonality drives the calendar as well. Most installations happen between April and June, and most removals between October and November, which puts pressure on factory lead times in spring. Buyers who confirm drawings in winter typically secure their delivery slot before the spring rush, and we plan mixed container loading so several configurations can ship together without wasting volume. For exposed island venues, that translates into a specification we confirm on the drawing, a delivered price to the Croatian port and a build sequence the local crew can follow without supervision.

Frequently Asked Questions

- **How is wind resistance confirmed for a specific site?** We review photographs of the ground, surrounding buildings and prevailing wind direction, then issue a configuration with written operating limits. Where a site is fully exposed we specify heavier profiles, continuous bracing and anchoring suited to rock or thin soil instead of garden stakes.
- **Which documents come with the shipment?** Shop drawings, a packing list matched to crate labels, an installation sequence, a maintenance sheet and, where required, fabric fire certification and test reports. These are the documents venues and inspections normally ask for, so they travel with the goods rather than arriving later.
- **Can one frame be used for summer and winter events?** Yes. The frame is the durable part, so we supply interchangeable skins: open or mesh walls with a shade roof for summer, solid insulated walls with liners and heating ports for winter. Storage is then limited to the panels not currently in use.

Packaging and Quality Assurance

Every order is packed for two journeys, not one: the delivery to the site and the return to storage at the end of the season. Bundles are strapped to prevent movement, fabric is protected from chafing against aluminum edges, and crates are sized so that a two person crew can handle them without lifting equipment.

Quality checks run through production rather than only at the end. Aluminum is inspected for alloy and wall thickness on arrival, welded panels are water tested, and finished frames are trial assembled. Anything that fails is corrected before packing, so the receiving crew spends its time building rather than sorting.

Request a Quotation

Send us your site location, expected guest numbers, event dates and ground surface, and we will return a configuration proposal with anchoring options, installation guidance and a delivered price to your Croatian port or site. Samples of fabric and frame profiles can be couriered on request.

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