

Wind Resistant Heavy Duty Party Marquee Tent Engineered for Dalmatian Coast Storms

Our Product Introduction

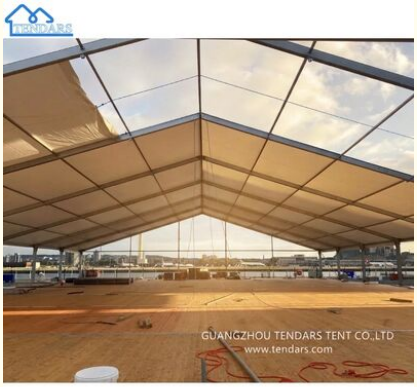
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: CE, ISO 9001, EN 13782, DIN 4102 B1 fabric
- Model Number: TD-PMT-03
- 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: Dalmatian Coast Storm Conditions
- Warranty: 5 Years Frame, 2 Years Fabric
- Service: Shop Drawings, Supervisor Installation, Lifetime Spares
- Highlight: **heavy duty party marquee tent**,



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Product Description

The bora is not a marketing problem. It is a dry, cold, katabatic wind that can accelerate from stillness to damaging gusts in under an hour, and it has ended more than one outdoor event on the Dalmatian coast. A party tent specified for calm summer evenings is simply the wrong structure for that coastline. This heavy duty marquee is engineered around wind load first and appearance second, with a braced frame, denser leg spacing and an anchoring system that assumes the ground may be gravel, rock or a raised stone terrace.

Every second bay carries diagonal cross-bracing, corner assemblies use reinforced gusset plates, and roof purlins are locked to the beams with clamp fittings rather than gravity. The result is a frame that distributes gust energy through the whole structure instead of concentrating it at a handful of joints, which is where light-duty tents usually fail first.

Key Features and Selling Points

- **Cross-braced bay design:** Diagonal bracing in alternate bays stiffens the frame against lateral gusts and reduces sway at the eaves during bora events.
- **Reinforced corner assemblies:** Gusset plates and double bolt connections at every corner take the highest stress concentrations in the structure.
- **Clamped purlin connections:** Roof purlins are mechanically clamped, preventing lift-off under negative pressure when wind passes over the roof curve.
- **Multiple anchoring strategies:** Chemical anchors for stone, ground stakes for soil and ballast frames for terraces where drilling is prohibited.
- **Heavier roof fabric:** Dense PVC-coated polyester with high tensile strength resists flutter, which is the first stage of fabric failure in strong wind.
- **Documented load guidance:** We provide wind speed guidance by configuration so organisers can make an informed decision about when to close walls or postpone.

Technical Specifications

Parameter	Specification
Bracing	Diagonal cross-bracing in alternate bays
Corner detail	Reinforced gusset plates, double bolt fixings
Anchoring options	Chemical anchor, ground stake, ballast frame
Roof fabric	Heavyweight PVC-coated polyester, high tensile
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 suits exposed coastal sites, open promontories, marina quays and any location where the organiser cannot guarantee shelter from the bora. It is chosen for weddings in shoulder season, corporate team events, sporting hospitality and public festivals on the Dalmatian coast. Inland users also select it where afternoon thunderstorms are frequent, because the same bracing that resists wind also stabilises the structure during sudden downdrafts.

How We Advise Organisers on Wind Decisions

No tent can be guaranteed against every weather event, and any supplier who claims otherwise is not being honest with you. What we can do is give organisers a clear operating envelope: the wind speed at which walls should be opened to reduce sail area, the speed at which the structure should be evacuated, and the anchoring configuration required for each level. That guidance is written into the handover document so the venue, the planner and the safety officer all work from the same numbers.

We also recommend a pre-event site inspection. Photographs of the ground surface, the surrounding buildings and the prevailing wind direction tell us more than any questionnaire, and they let us match the anchoring plan to the actual site rather than to an average assumption. For recurring events, we keep the site record on file so the second year's installation is faster and better informed.

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 Dalmatian coast storm conditions, 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

- **What ground surfaces can the tent be installed on?** Grass and soil take ground stakes, paved terraces take chemical anchors where drilling is permitted, and historic or protected paving takes ballast frames. We confirm the fixing method from photographs before the order, so the crew arrives with the right hardware.
- **How is the fabric maintained during the season?** Panels are cleaned with water and a mild detergent, checked for abrasion at contact points, and stored dry and loosely folded between events. A small repair kit with offcuts and a heat gun resolves most minor damage on site within minutes.
- **Do you supply spares for structures bought years ago?** Yes. Bay dimensions and profile colours are held constant across the range, so panels and fittings from earlier production batches remain compatible. We keep drawings on file to confirm the exact specification before shipping spares.

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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