

Transparent Roof Aluminum Party Marquee Tent for Dubrovnik Seaside Receptions

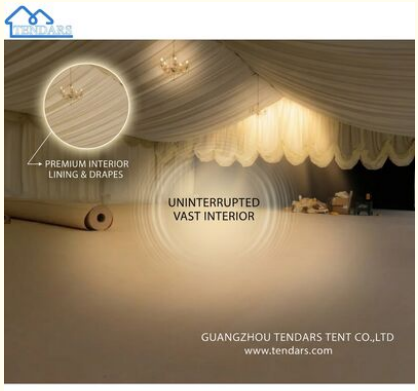
Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: CE, ISO 9001, EN 13782, DIN 4102 B1 fabric
- Model Number: TD-PMT-05
- 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: Dubrovnik Seaside Receptions
- Warranty: 5 Years Frame, 2 Years Fabric
- Service: Shop Drawings, Supervisor Installation, Lifetime Spares
- Highlight: **Transparent Roof Aluminum Marquee Tent**,



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Product Description

Dubrovnik sells itself at dusk. The stone turns amber, the city walls catch the last light, and a marquee with an opaque roof throws all of that away. A transparent roof changes the value of the venue: guests see the sky, the walls and the sunset while still being protected from wind and rain, and the interior needs far less decorative lighting because daylight does the work.

The engineering behind a clear roof is less obvious than the view. Transparent PVC expands and contracts more than opaque fabric, so the roof needs a tensioning detail that keeps panels taut through a hot afternoon and a cool evening without stretching seams. Our clear roof panels use a heavier gauge film laminated to a reinforcing scrim, with welded edges and a tensioning pocket at each beam, so the roof stays flat and readable instead of sagging between purlins.

Key Features and Selling Points

- **Panoramic clear roof:** Heavier gauge transparent PVC with reinforcing scrim keeps the sky visible while resisting wind flutter and sag.
- **Tensioned panel detail:** Pockets and ratchet tensioning at each beam accommodate thermal expansion without stressing welded seams.
- **UV stabilised film:** UV inhibitors slow yellowing, so the roof stays optically clear across multiple event seasons.
- **Optional roof lining:** A retractable fabric lining can be added for daytime events that need shade or for evening projection.
- **Matching clear walls:** Clear wall panels can be combined with the clear roof for a full glasshouse effect facing the sea.
- **Condensation management:** Ventilation gaps at the ridge reduce condensation on cool evenings, keeping the view clean.

Technical Specifications

Parameter	Specification
Roof material	Transparent PVC film on reinforcing scrim
Light transmission	High clarity, UV stabilised
Tensioning	Pocket and ratchet detail at each beam
Options	Retractable lining, clear walls, ridge vents
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

Clear roof marquees suit evening receptions, cocktail hours, wedding dinners, product launches and press events where the setting is part of the message. On the Dubrovnik coast they are frequently paired with a solid-wall side facing the street and a clear side facing the sea, so guests are sheltered from passing wind but never separated from the view. Hotels also use them for rooftop and terrace functions that would otherwise be limited to good weather.

Light, Heat and Comfort Under a Clear Roof

A clear roof behaves like a greenhouse in direct midday sun, which is why we always discuss event timing before specifying one. For daytime functions we recommend combining the clear roof with side ventilation and, where required, a retractable lining that can be drawn across during the hottest hours and opened again for the sunset. For evening events the roof needs no shading at all and reduces lighting costs significantly.

Condensation is the other detail that separates a good clear roof from a disappointing one. Cool coastal evenings cause moisture to form on the underside of any non-breathing film, so our roof detail includes ridge ventilation gaps that let humid air escape. Guests see a clean sky instead of a fogged panel, and photographers do not have to fight reflections from droplets.

Why Croatian Event Buyers Work With Tendars

Every project starts with an engineering question rather than a catalogue page: what wind will this structure see, what ground will it stand on, and how long will it stay up. Our technical team reviews site photographs, exposure and event duration before a configuration is proposed, and the recommendation is issued as a drawing set that a venue manager or a safety officer can actually read.

The factory behind that advice is vertically integrated. Aluminum profiles are cut, machined and welded in house, PVC panels are welded on our own high-frequency lines, and every frame is trial assembled before it is packed. Because we control both the metal and the membrane, a buyer gets one supplier responsible for fit, tension and finish instead of two parties pointing at each other when a panel does not line up.

Documentation is part of the product. Shipments include shop drawings, the packing list matched to crate labels, an installation sequence and a maintenance sheet, and we retain the drawings so that repeat orders match the first delivery exactly. For public events, hotel terraces and protected sites we also prepare the fire performance and anchoring paperwork that local inspections typically request.

Notes for the Croatian Market

Most Croatian event enquiries arrive with three requirements: the structure must look right for a coastal or heritage setting, it must stand up to wind that arrives without warning, and it must be installed inside a tight access window. We address these in the quotation stage rather than after the order, which is why our proposals include anchoring options, installation crew guidance and a delivery sequence suited to ferry timetables and old town access restrictions.

Documentation matters too. Public events, hotel terraces and protected sites increasingly require fire performance evidence and a clear anchoring plan. We prepare those documents with the order so the organiser can answer a venue or an inspection without delay, and we keep the drawings on file for repeat orders so the second season is faster than the first. For Dubrovnik seaside receptions, 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

- **Can the structure be customized to our venue?** Yes. Bay length, span, eave height, wall type and door positions are all selected per project, and we review the site plan before production so the structure arrives ready for the actual ground conditions rather than for an average assumption.
- **What is the minimum order and lead time?** One set is enough to start, and mixed container loading is possible for buyers who want several configurations at once. Standard production runs in about 15 to 25 working days after drawing confirmation, with shipping to Croatian ports arranged by our forwarder or yours.
- **Do you support installation and after-sales service?** We supply drawings, labelled bundles and a step-by-step build sequence, and we can send a supervisor for first installation on larger projects. Spare panels, fittings and profile sections remain available for the life of the structure, so a damaged part never ends the product's service.

Packaging and Quality Assurance

Packing follows the build sequence rather than the shape of the components: the frame and roof bundle that closes the structure against weather is loaded last so it can be unloaded first. Fabric panels travel folded with interleaving to prevent abrasion in transit, and fittings are boxed by assembly stage so nothing has to be sorted on site.

Each crate is weighed, labelled and photographed before loading, and the photographs are sent with the shipping documents. That record

settles most transit questions quickly and tells the receiving crew exactly what should be on the pallet before they sign for it.

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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