Snow Load Rated Aluminum Party Marquee Tent for Winter Events Across Croatia

Our Product Introduction

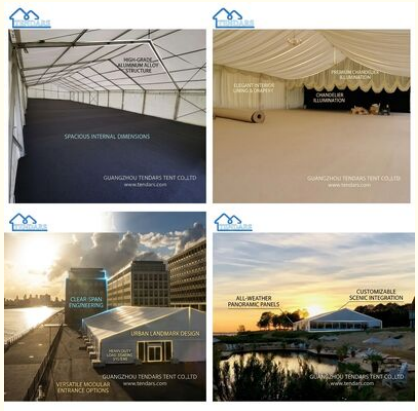
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: CE, ISO 9001, EN 13782, DIN 4102 B1 fabric
- Model Number: TD-PMT-14
- 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

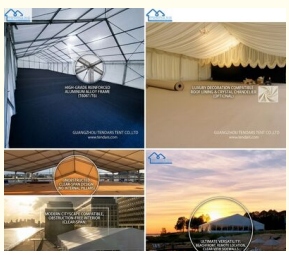


Product Specification

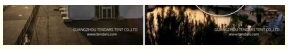
- Frame Material: Hard-pressed Extruded Aluminum 6061/T6
- Frame Profile: 64 / 82 / 100 / 120 Mm Series By Span
- Roof Fabric: 650-850 G/sqm Double PVC-coated Polyester
- Side Wall: PVC, Clear PVC, Glass Panel, Mesh, ABS Hard Wall
- Wind Load: Engineered Configuration With Written Operating Limits
-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



More Images



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Our Product Introduction

Product Description

Snow is a structural question, not a decorative one. In Gorski Kotar, Lika and the inland mountain regions, a winter event can sit under twenty centimetres of snow by morning, and a roof that was designed only for rain will deflect visibly under that load. This marquee is specified with denser purlin spacing, a steeper roof pitch and reinforced beam connections so that snow slides and is shed rather than accumulating in the middle of the span.

Specification is only half of the answer. A snow rated structure also needs an operating procedure: who monitors accumulation overnight, at what depth the roof must be cleared, and which tools are safe to use without damaging the fabric. We provide that guidance with the structure, because a tent used correctly is far safer than a tent that simply has a higher rating on paper.

Key Features and Selling Points

- **Denser purlin spacing:** Reduced purlin centres spread snow load evenly across the roof plane rather than concentrating it mid span.
- **Steep roof pitch:** A steeper angle encourages snow to slide and reduces the depth that can accumulate before clearance is needed.
- **Reinforced beam connections:** Heavier connection plates and additional fixings at the ridge and eaves resist the combined load of snow and wind.
- **Heavy duty roof fabric:** High tensile PVC carries load without stretching, keeping the roof surface stable under accumulating snow.
- **Clearance guidance document:** Documented monitoring depths and safe clearing methods are supplied with every structure.
- **Insulation compatible:** The frame accepts roof liners, so the tent can be both insulated and snow rated for winter hospitality.

Technical Specifications

Parameter	Specification
Purlins	Reduced spacing, load distributed
Roof pitch	Steep angle for snow shedding
Connections	Reinforced ridge and eave plates
Operation	Documented snow monitoring and clearing
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.

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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 structure is used for winter festivals, Christmas markets with covered dining, ski resort hospitality, New Year events in mountain regions and winter weddings in inland Croatia and neighbouring Slovenia. It also suits temporary storage and workshop cover in cold months, where snow load rather than appearance is the deciding factor. Organisers who run the same event in summer and winter often buy one frame and two roof specifications.

Operating a Tent in Snow Conditions

The most common cause of winter tent damage is not an extreme storm but an unattended night of steady snowfall. A structure that could shed the load safely during the day becomes overloaded when nobody is watching. Our guidance therefore centres on monitoring: check accumulation at defined depths, clear before the threshold is reached, and never use metal tools on the roof surface.

Heating interacts with snow as well. Warm air rising under the roof softens the snow layer, which can cause it to slide suddenly rather than gradually. We advise keeping the roof clear above entrances and walkways, and positioning barriers where falling snow could reach guests. These small operational habits turn a rated structure into a reliable one.

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 winter events with snow loading, 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

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.

Email: amanda@marquees-tent.com | WhatsApp: +86-13640286461 | Web: http://www.marquees-tent.com

Guangzhou Tendars Tent Co., Limited

0086 13640286461 amanda@marquees-tent.com marquees-tent.com

No.319, 2nd building , 8th zone , Aoyuan city plaza , Zhongcun Street, Guangzhou, Guangdong, China