



Luxury 12x25m Clear Span Wedding Party Marquee Tent Glass Wall Panels Aluminum Frame European Event Structure

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: EcoTentPro
- Certification: CE, EN 13782, ISO 9001:2015, TÜV Rheinland, DIN 4102 B1
- Model Number: ETP-LX1225-EU
- Minimum Order Quantity: 1 Set
- Price: USD 12,500-18,000 / Set
- Packaging Details: Glass panels in custom A-frame crates with foam interlayers, aluminum frame palletized with protective sleeves, fabric in PVC bags, all export-grade with moisture barriers and tilt indicators
- Delivery Time: 20-30 working days after deposit
- Payment Terms: T/T, L/C at sight, PayPal
- Supply Ability: 80 Sets per Month



Product Specification

- Tent Size (WxL): 12m X 25m
- Side Height: 4.0m
- Ridge Height: 6.5m
- Frame Material: Extruded Aluminum 6061-T6
- Main Profile: 300mm X 140mm X 6mm
- Wall System: 10mm Tempered Glass Panels + Aluminum Mullions
- Roof Material: 850g/m² Double-Coated PVC With Interior Lining
- Glass Specification: EN 12150 Tempered Safety Glass
- Wind Resistance: Up To 100 Km/h
- Snow Load: 0.65 KN/m²
- Interior Lining: Pleated Ivory Polyester Ceiling Liner
- Flooring Option: Raised Cassette Floor With Carpet/Wood Finish
- Highlight: **Luxury wedding marquee tent glass wall,**

for more products please visit us on marquees-tent.com

Product Description

Product Overview

The **ETP-LX1225-EU Luxury Clear Span Wedding Party Marquee Tent** sets a new standard for premium event structures in the European market. Spanning 12m x 25m (300 m²) with a majestic 6.5m ridge height, this tent combines an extruded aluminum 6061-T6 frame with 10mm tempered glass wall panels (EN 12150 certified), creating a breathtaking transparent pavilion that blends indoor luxury with outdoor vistas. The clear span design provides an unobstructed interior — perfect for grand wedding receptions, luxury brand launches, and Michelin-star gala dinners. With a pleated ivory polyester ceiling liner, integrated lighting track system, and custom flooring options, every detail is engineered to impress the most discerning European clientele.

Technical Specifications

Frame & Structure	
Frame Material	Extruded Aluminum Alloy 6061-T6
Main Profile	300mm * 140mm * 6mm (6-channel design)
Purlin	80mm * 60mm * 3mm aluminum tube
Connectors	Hot-dip galvanized forged steel, M20 grade 10.9 bolts
Base Plates	400mm * 400mm * 12mm steel, hot-dip galvanized
Dimensions	
Width * Length	12m * 25m (300 m ² interior)
Side Height	4.0m
Ridge Height	6.5m
Bay Distance	5.0m (5 bays)
Glass Wall System	
Glass Type	10mm Tempered Safety Glass, EN 12150 certified
Glass Panel Size	2.5m * 3.5m (W*H) per panel
Mullion Material	Powder-coated aluminum, RAL 9016 traffic white
Glass Frame Gasket	EPDM rubber, UV and ozone resistant
Door Integration	Flush glass double doors, panic bar, concealed closer
Roof & Ceiling	
Roof Cover	850g/m ² double-coated PVC, white, B1 fire rated
Ceiling Liner	180g/m ² pleated ivory polyester, flame retardant
Lighting Track	Integrated aluminum channel for LED strip/spot mounting
Performance	
Wind Resistance	Up to 100 km/h
Snow Load	0.65 kN/m ²
Temperature Range	-25°C to +50°C
Glass Wind Load	1.5 kN/m ² (EN 1991-1-4 compliant)

Key Advantages & Selling Points

Panoramic Glass Wall Experience

Floor-to-ceiling 10mm tempered glass panels create an immersive indoor-outdoor experience. Guests enjoy unobstructed views of surrounding gardens, vineyards, coastlines, or city skylines — the tent becomes part of the scenery rather than blocking it.

6.5m Cathedral Ceiling

The soaring 6.5m ridge height with pleated ivory ceiling liner creates a cathedral-like interior. Chandeliers, hanging floral installations, and aerial performances all fit comfortably — impossible in standard-height tents.

Fully Customizable Interior

Choose from 12 ceiling liner colors, 8 flooring options (hardwood, carpet, marble-look, LED dance floor), custom wall drapery, and integrated RGBW lighting systems. Every tent reflects the event's unique theme and brand identity.

EN 12150 Safety Glass

All glass panels are EN 12150 certified tempered safety glass. In the unlikely event of breakage, glass crumbles into small granular pieces rather than dangerous shards. Full certification documentation provided for EU venue safety compliance.

Climate Control Ready

Pre-engineered integration points for HVAC ducting, with discreet floor-level air intake grilles and ceiling-level exhaust ports. Combined with glass walls, the tent can be heated or cooled efficiently for comfortable events in any European season.

Precision Engineering

300mm * 140mm * 6mm main profiles are the largest in our range, delivering exceptional structural rigidity for the 12m clear span. TÜV Rheinland certified structural calculations ensure compliance with Eurocode EN 1991 for wind and snow loads across all EU climate zones.

Production Process

1

Heavy-Duty Aluminum Extrusion

6061-T6 billets extruded on 3600-ton press for the 300mm*140mm main profile. Post-extrusion T6 tempering (solution heat treatment at 530°C + artificial aging at 175°C for 8 hours). Every profile batch tensile tested to ≥ 310 MPa yield strength.

2

Precision CNC Machining

5-axis CNC machining centers drill and tap all connection holes with ± 0.2 mm positional tolerance. Bolt holes are chamfered and deburred. Profile ends are milled square to $\pm 0.1^\circ$ for perfect joint alignment.

3

Tempered Glass Fabrication

Float glass cut to size, edges polished (flat polish with arris), then tempered in a horizontal roller hearth furnace at 680°C followed by rapid air quench. Every panel tested to EN 12150: fragmentation test, surface stress ≥ 90 MPa, and dimensional inspection.

4

Aluminum Mullion Assembly

Powder-coated aluminum mullions (60 μ m coating, RAL 9016) assembled with EPDM gaskets in a clean-room environment. Glass panels inserted with 5mm edge clearance for thermal expansion. Mullion-to-frame connections use stainless steel brackets with nylon isolation washers to prevent galvanic corrosion.

5

Ceiling Liner & Fabric Work

Pleated polyester ceiling liner panels sewn with French seams on industrial walking-foot machines. Fire retardant treatment applied by immersion (not spray) for uniform protection. PVC roof cover HF-welded with 50mm seams, pull-tested to ≥ 3000 N/5cm. Interior drapery custom-sewn to specification.

6

Full Structure Assembly & Sign-Off

Complete structure erected in our 8000 m² assembly hall: frame, glass walls, roof, ceiling liner, doors. Dimensional survey with laser tracker (accuracy ± 1 mm over 25m). Water infiltration test (4-hour spray + pressure differential). QC dossier compiled: material certs, glass test reports, structural sign-off, fire certs, and installation manual.

Factory & Company Strength

Europe's Trusted Luxury Tent Manufacturer

Certifications & Test Reports

CE Marking
SGS Audit

EN 13782:2015
BS 7837:1996

EN 12150 Glass

ISO 9001:2015

TÜV Rheinland

DIN 4102 B1

Eurocode EN 1991

Comprehensive documentation: CE Declaration of Conformity, TÜV structural calculation report (EN 1991 wind/snow), EN 12150 tempered glass certification (fragmentation + surface stress), fire retardancy certificates (roof fabric + ceiling liner + drapery), SGS factory audit report, and material traceability certificates. All in English, German, French, and Italian for EU venue approval.

Pre-Sales & After-Sales Service

Pre-Sales Service	After-Sales Service
Free 3D architectural visualization with lighting simulation	3-year comprehensive structural warranty
Site visit by factory engineer (EU travel available)	Glass panel replacement within 7 days (EU stock)
Complete permit documentation package for local authority	Annual inspection & maintenance service contract option
Interior design consultation: liner, drapery, flooring, lighting	Installation supervision by certified engineer (T&M)
Material sample kit: glass, fabric, liner, mullion finishes	24/7 emergency technical support hotline
DDP shipping to all EU destinations with white-glove delivery	Spare parts program with EU-based warehouse

Application Cases & Scenarios

Luxury Wedding

Luxury Wedding Receptions (300+ guests)

Gala Dinner

Michelin-Star Gala Dinners & Awards

Fashion Show

Luxury Fashion Show Runway Venues

Brand Launch

Premium Automotive Brand Launches

Vineyard

Vineyard & Château Wedding Venues

Jewelry Show

High-End Jewelry & Watch Exhibitions

FAQ

Q1: How is the glass wall tent different from a traditional marquee in terms of event experience?

Glass walls transform the event experience by eliminating the visual barrier between interior and exterior. At a vineyard wedding, guests see the sunset over the vines. At a lakeside gala, the water reflections become part of the ambiance. The 6.5m cathedral ceiling with pleated liner adds a sense of grandeur that standard flat-roof tents cannot match. It is the difference between being in a tent and being in a bespoke pavilion.

Q2: Is tempered glass safe for crowded event spaces?

Yes. All glass panels are EN 12150 certified 10mm tempered safety glass, which is 4-5 times stronger than annealed glass and, if broken, disintegrates into small granular pieces rather than sharp shards. This is the same safety glass standard used in public building facades across Europe. We provide complete certification for venue safety officers.

Q3: How long does installation take for a luxury glass wall tent?

A professional crew of 8-10 installers typically completes the structure in 3-4 days: Day 1 — frame erection, Day 2 — roof and ceiling liner, Day 3 — glass wall installation and door fitting, Day 4 — interior finishing (flooring, drapery, lighting). We provide a dedicated installation supervisor for every luxury tent project.

Q4: Can the tent be used in winter? How is heating managed?

Absolutely. The glass wall system with EPDM gaskets provides excellent air sealing. Combined with the insulated ceiling liner and pre-integrated HVAC ports, a properly sized heating system maintains 22°C interior even at -5°C exterior. Many clients use these tents for Christmas galas and New Year celebrations across Northern Europe.

Q5: What customization options are available?

Extensive: 12 ceiling liner colors, custom drapery in any Pantone shade, 8 flooring options (solid oak, walnut, grey carpet, white marble-look vinyl, LED dance floor, etc.), glass frosting/etching patterns, custom mullion powder coat colors, integrated RGBWDMX lighting, branded door handles, monogrammed valance — essentially, if you can imagine it, we can build it.

Q6: Do you provide a turnkey solution including flooring, lighting, and furniture?

Yes, we offer a complete turnkey package: structure + flooring system + integrated LED lighting + ceiling liner + wall drapery. For furniture (tables, chairs, bars, lounge seating), we partner with leading European event furniture suppliers and can coordinate delivery to your venue. Ask about our all-inclusive luxury event package during consultation.

Package Contents

Component	Quantity	Specification
Aluminum Main Profiles	Full set	6061-T6, 300*140*6mm, anodized 15µm
Aluminum Purlins	Full set	80*60*3mm, anodized
Tempered Glass Panels	Full set	10mm, EN 12150, 2.5*3.5m
Aluminum Mullions	Full set	Powder coated RAL 9016, with EPDM gaskets
PVC Roof Cover	1 set	850g/m ² , white, B1 fire rated
Ceiling Liner	1 set	180g/m ² pleated polyester, ivory
Glass Double Doors	2 sets	Flush glass, panic bar, concealed closer
Steel Base Plates	Full set	400*400*12mm, galvanized
Lighting Track System	1 set	Aluminum channel, 3-circuit
Anchoring Kit	1 set	Per site spec + wind zone
Assembly Documentation	Full set	Manual + engineering drawings + QC dossier



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