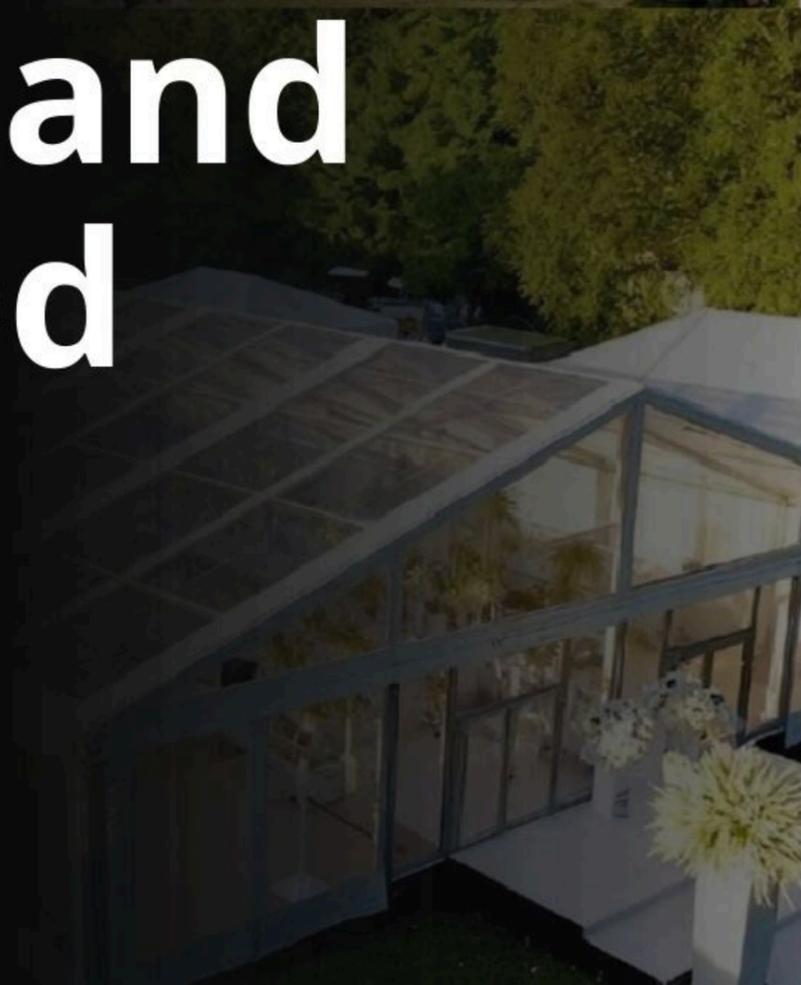




# Tent Structure and Car Park Shaded Structure





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# Company Profile

## About Us

Etihad Ewaa Trading Company is a trusted supplier of integrated products and solutions for residential, commercial, and industrial projects. We deliver a carefully selected range of high-quality products, backed by reliability, efficient execution, and dedicated after-sales support.

## Our Products & Services

We provide modular cabin units, hospital equipment and furnishings, office and home furniture, aluminum solutions for doors and windows, concrete and interlock products, as well as a wide range of bathroom accessories.

## Our Vision

We are committed to building long-term partnerships through superior product quality, precise supply management, and on-time delivery ensuring we consistently meet the diverse needs of our clients across all project sectors.





Factory Entrance  
工厂入口



Office Area  
办公室



Steel Structure Workshop  
钢架车间



Aluminum alloy workshop  
铝材车间



Tarpaulin Workshop  
篷布车间



Tarpaulin Workshop  
篷布车间



Warehouse  
仓库



Prototype Assembly Area  
试搭车间



Prototype Assembly Area  
试搭车间

## Precision Engineering Crafted with Intelligence

精工智造 匠心臻艺

We establish a superior standard of craftsmanship for every tent with our advanced digital smart-manufacturing matrix.

我们以先进的数字化智造矩阵，为每一顶帐篷奠定超越期待的精工标准。



Laser cutting CNC  
数控激光切割机



Automatic drilling pipe CNC  
CNC激光下料机



Automatic cutting machine  
自动剪料机



High frequency welding machine  
高频融合机



Aluminum alloy CNC  
铝合金数控

## United Team Driving Process & Tech

聚力同心，众行致远

From the seasoned hands of our workshop masters to the precise digital solutions in our offices, we operate as one cohesive unit, ensuring every project is perfected from blueprint to reality.

从老师傅布满老茧的双手，到办公室精准的数字方案，我们是一个协同无间的整体，确保每个项目从蓝图到现实都尽善尽美。



## Data-Driven Aerodynamics

精准驭风：以数据重塑形态



### Advanced Shape Configuration

Based on the latest domestic experimental data, we analyzed the differences in wind load distribution on various parts of the tent structure under different wind directions and derived the shape coefficients relative to wind speed ratios. Utilizing these coefficients and the structural load characteristics of the tent, we calculated an optimal angle and structural layout.

**先进的篷房形态优化：**依据国内最新实验数据，我们分析了不同风向下篷房各部位的受力差异，得出基于风速比值的体型系数。基于该系数与篷房受力特性，我们进一步推演出更合理的角度设计与结构布局方案。



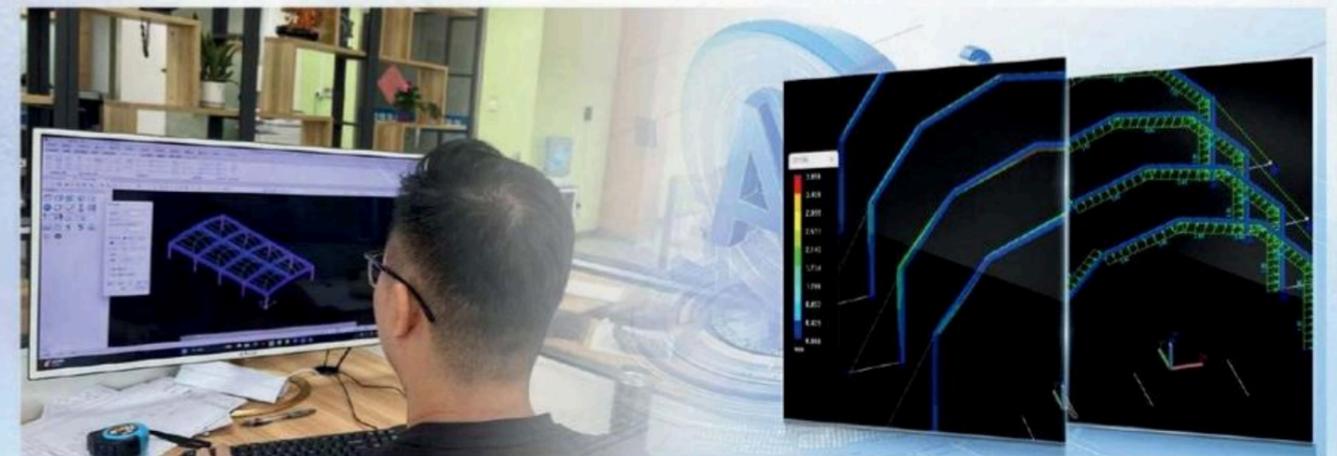
### Overall Structural Analysis and Optimization

Considering the lightweight nature of the tent and the adaptability of the fabric, our structural engineers conducted detailed calculations and analysis of the overall structure—particularly focusing on the strength, stiffness, and stability of the aluminum alloy frame—and carried out corresponding optimizations.

**整体结构分析与增强：**针对篷房自重轻、布料适应性强的特点，我们的结构工程师对整体结构——尤其是铝合金框架的强度、刚度与稳定性——展开了全面计算与深入分析，并在此基础上实现了结构优化。

## Testing and Analysis of Wind and Snow Resistance Performance of Tents

Our expert team rigorously tests the tent's wind and snow resistance, ensuring it can endure your region's strongest storms—backed by scientific data for safety.



## Built on Expertise Driven by Strength

专业立身，匠心笃行

Fifteen years of export expertise is the foundation of our integrated advantages: Professional Production with smart technology, Robust Structures using aerospace-grade materials, and Worry-Free Delivery with 30% more efficient smart loading and continuous technical support for global clients.

我们集十五年出口结构专家经验，构建了覆盖生产、设计与服务的核心优势：从融合成熟工艺与智能设备的专业生产，到航天级选材、军工级紧固的极致结构，再到智能装柜省空间30%并全程技术护航的无忧交付，为全球客户提供坚实可靠的解决方案。

### Professional Structural Design | Aerospace-Grade Materials | Military-Spec Fastening 专业结构设计 | 航天级选材标准 | 军工级紧固系统



### Professional Production Assurance: Proven Processes | Elite Team | Smart Machinery 专业生产保障 | 成熟工艺+精锐团队+智能设备



### 15-Year Export Structure Experts 30% More Space with Smart Loading | End-to-End Technical Support 15年出口结构专家 | 智能装柜省空间30% | 全程安装技术护航



## 24/7 Support From Quote to Installation

从图纸到现场 全程精准护航

Your vision begins with a sketch; our mission is to bring it to life. We meticulously manage every step from engineering to on-site construction, honoring our commitment to precision.

您的愿景始于一张草图，而我们的使命是让它完美成真。我们严谨管控从工程设计到现场搭建的每一环节，恪守对您承诺的精准。

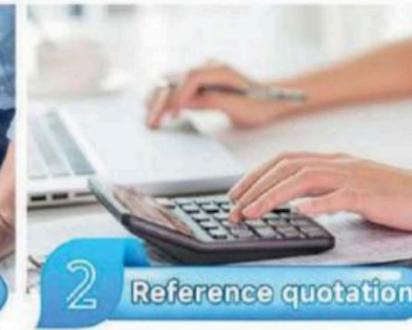


1 Drawing evaluation

Our engineer will evaluate your drawing, base on actual offer professional advice, make sure all are in reasonable sizes.

图纸评估

我们的工程师将根据实际报价和专业建议评估您的图纸，确保所有图纸尺寸合理。



2 Reference quotation

We will provide a series of options with pricing for your reference, based on the final drawing.

参考报价

根据最终图纸，我们将提供匹配系列和价格供您参考。



3 Fabrication drawings

Finalize the product illustration and fabrication drawing with the client for approval.

图纸设计

与客户确认细节(效果图和施工图)。



4 Fabrication

Start the fabrication.

工厂生产

确认需求后，即可进入生产流程。



5 Loading container

Expertly packed and loaded post-production, your goods are set for a secure and timely journey.

产品打包、装柜

生产完成后，我们会立即对其进行专业打包并规范装柜，全面做好发货前的各项准备工作，确保货物能够按时、安全发出。



6 Installation guide

We Send our technician at site to do installation guide.

指导安装

我们将通过远程视频指导，或派遣专业技术人员到场协助两种方式，确保精准搭建、稳固成型，顺利投入使用。

# Lighting Up the World

## Global Reach, Local Roots.

辐射全球 深耕本土

With a global vision, we have charted our market blueprint: building upon a solid foundation of comprehensive coverage across all 31 provincial-level regions in China, our business has successfully expanded into over 100 countries and territories worldwide.

我们以全球视野构建市场蓝图：在夯实中国所有31个省级行政区全覆盖的基础上，业务已成功拓展至全球100多个国家和地区。



# The Foundation of Shelter: Premium PVC Tarpaulin

核心防护，始于面料 — 精选PVC篷布

## Dual-Side Waterproof | Completely Leakproof

The fabric undergoes full PVC penetration treatment, creating a true "bulk waterproof" structure. It effectively blocks external rainwater and internal condensation, ensuring a permanently dry interior environment.

双面防水 | 滴水不漏

基布采用PVC全渗透工艺，形成真正的“体防水”结构。无论外部雨水或内部冷凝水，均无法渗透，确保内部持久干燥。

## Premium Sun Protection | Dual-Layer Defense

Combining a high-density physical structure with built-in UV inhibitors in the PVC coating, it offers strong UV resistance. This protects the fabric from aging while keeping printed graphics vibrant and fade-resistant.

顶级防晒 | 双重防护

高密度物理结构结合PVC涂层内抗UV添加剂，高效抵御紫外线。保护布料强韧耐用，同时长久维持喷绘画面色彩鲜艳。

## Naturally Mold-Resistant | Easy to Clean

The non-organic, smooth PVC surface provides no breeding ground for mold. Even in humid conditions, it remains free of mildew and odor, requiring only simple wiping with water for cleaning.

天生防霉 | 一擦即净

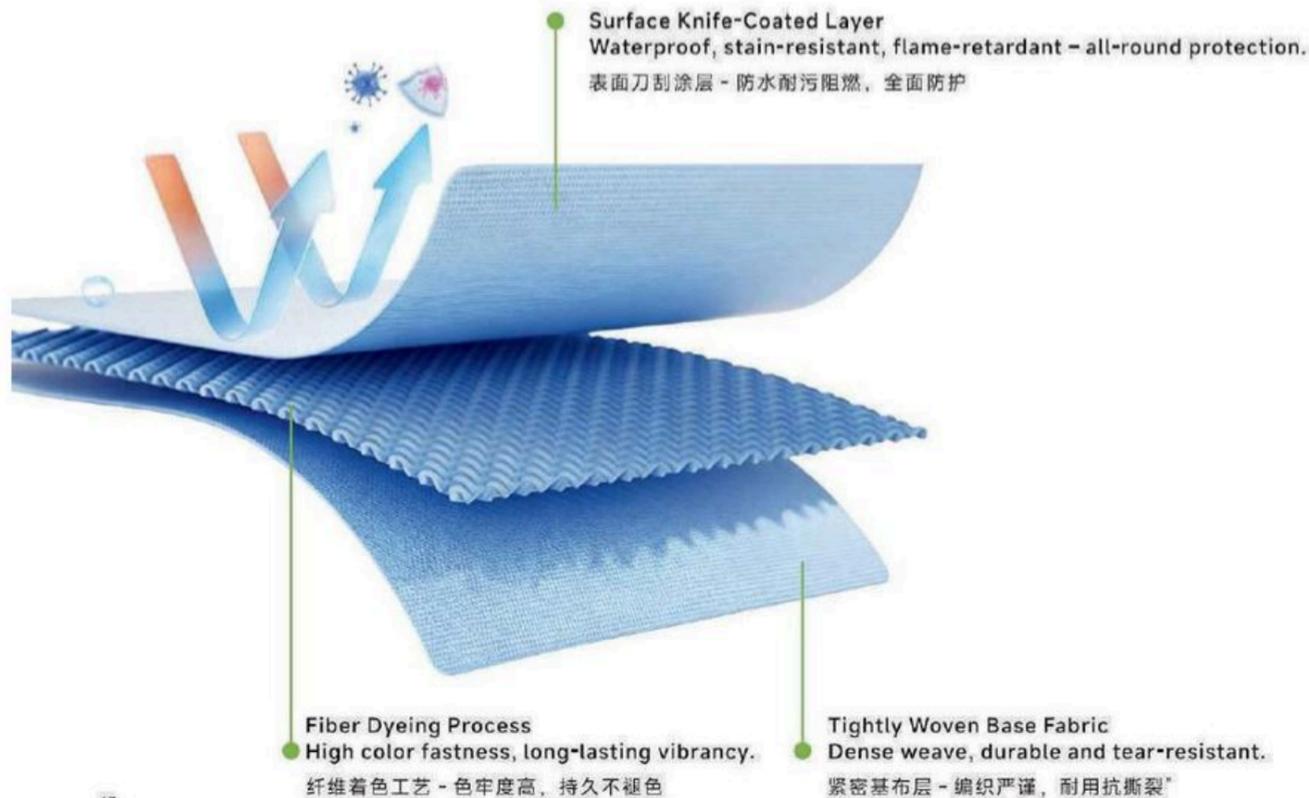
PVC无机材质表面致密光滑，杜绝霉菌滋生。潮湿环境下不长霉斑无异味，日常清洁仅需清水擦拭。

## Active Flame Retardancy | Safety & Compliance

Enhanced with flame-retardant additives, it meets stringent standards such as GB B1 and EU M2/B1. It effectively resists ignition, self-extinguishes, and produces low smoke, ensuring enhanced safety for both people and property.

主动阻燃 | 安全合规

添加高效阻燃剂，符合国标B1级、欧标M2/B1等标准。遇火阻燃、离火自熄、低烟低毒，为人员与财产安全提供可靠保障。



# Technical Report

物性检验报告单

思源环保材料科技(上海)有限公司  
SITIA NEW MATERIAL (SHANGHAI) CO., LTD.  
物性检验报告单  
Technical Report

1. 检测单位: 思源环保材料科技(上海)有限公司  
2. 检测日期: 2024年03月15日  
3. 检测地点: 思源环保材料科技(上海)有限公司  
4. 检测人员: 思源环保材料科技(上海)有限公司

检测项目	检测标准	检测结果	判定
拉伸强度 (N/5CM)	GB 19981	3640 (经向), 3359 (纬向)	合格
撕裂强度 (N/5CM)	GB 19981	398 (经向), 364 (纬向)	合格
剥离强度 (N/5CM)	GB 19981	109 (正面), 110 (背面)	合格
防火性能	GB 8624	B1	合格
适用温度	GB 19981	-30~+70℃	合格
色牢度	GB 3920	7~8级	合格
抗紫外线	GB 18885	4-5级	合格
表面处理	GB 19981	亚克力	合格
检测结果			合格

拉力强度 (N/5CM) Tensile Strength	经向 (MD)	3640	3000	EN ISO 1421
	纬向 (CD)	3359	2800	
撕裂强度 (N/5CM) Tear Strength (Trapezoid)	经向 (MD)	398	350	DIN 53363
	纬向 (CD)	364	300	
剥离强度 (N/5CM) Adhesion Strength	面 (Face)	109	100	EN ISO 2411
	底 (Back)	110	100	
防火性能 Flame Retardancy	B1			DIN4102/GB8624
适用温度 Suitable Temperature	-30~+70℃			DIN EN 1876-1
色牢度 Fastness	7~8级			EN ISO 105 B02
抗紫外线 UV radiation	4-5级			
表面处理 Surface Treatment	亚克力 Acrylic			
检测结果 Result	合格 Qualified			



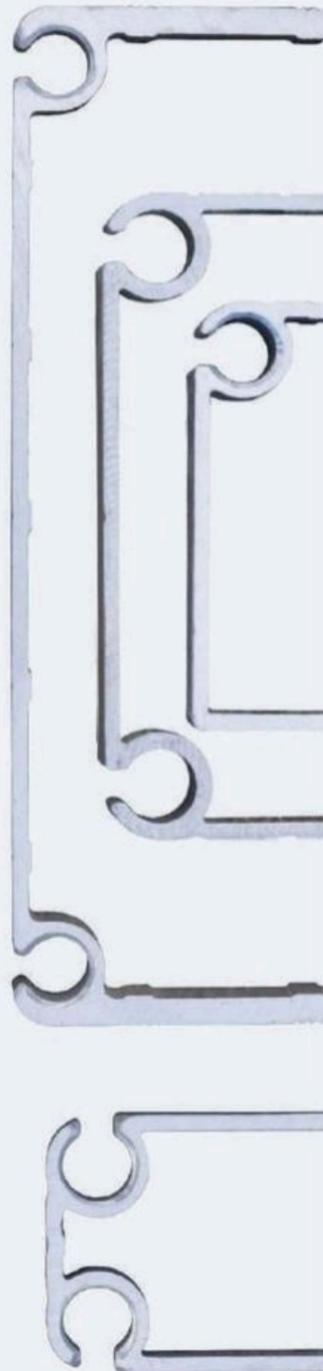
This is a shelter armor born to tackle all-weather challenges — waterproof from both sides, UV-resistant inside and out, naturally mold-proof, and proactively fire-resistant, providing 360° comprehensive protection for your space.

这是一块为应对全天候挑战而生的篷房铠甲——双面隔绝雨水、内外抵御暴晒、天生杜绝霉变、主动防范火灾，为您的空间提供360°的全维防护。

# Our Framework

## Born from Aviation Standards

我们的框架，源自航空标准



### Exceptional Pressure Resistance, Fearless Against Wind and Snow

The frame is constructed from 6061-T6 aviation-grade aluminum with a yield strength exceeding 240MPa. It offers wind and snow load resistance that far exceeds national standards, providing reliable stability in severe weather and ensuring the safety of both events and assets.

篷房骨架采用6061-T6航空铝材，屈服强度超240MPa。抗风抗雪能力远超国标，恶劣天气下稳固可靠，确保活动与资产安全。

### Durable and Corrosion-Resistant, Enduring Through Time

The frame features anodized aviation-grade aluminum with excellent corrosion and oxidation resistance. It withstands long-term exposure to sunlight, rain, and salt spray. Even after repeated use, the structure remains robust, significantly extending its service life.

采用阳极氧化表面处理的航空铝材，具备优异抗腐蚀与抗氧化性能，可长期抵御日晒、雨淋及盐雾侵蚀。框架在重复使用后依然坚固，显著延长整体使用寿命。

### Lightweight Yet Strong, Efficient Assembly

Lightweight yet strong, the structure is approximately 60% lighter than traditional steel. Its easy-to-transport components allow for quick on-site assembly, significantly reducing setup time and enabling faster deployment.

骨架轻量坚固，比传统钢材减重约60%。构件运输便捷，现场拼装高效，可显著缩短搭建时间，助您快速投入使用。

### Safe, Eco-Friendly, and a Sustainable Investment

A 100% recyclable, eco-friendly solution. Outstanding durability ensures a longer lifecycle and higher residual value, delivering a more cost-effective long-term investment.

提供100%可回收的绿色方案。卓越耐久性带来更长生命周期与更高资产残值，助您实现更具性价比的长期投资。

化学成分										
元素	Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	
标准范围(%)	余量	0.10-0.25	<0.1	0.15-0.35	<0.15	0.8-1.2	0.05-0.25	<0.25	<0.15	
检测结果(%)	98.137	0.103	0.092	0.191	0.099	0.919	0.054	0.013	0.019	
力学性能										
检测项目	布氏硬度 (HV)	抗拉强度 R <sub>m</sub> (MPa)	屈服强度 R <sub>p0.2</sub> (MPa)	规定非比例延伸强度 R <sub>p0.01</sub> (MPa)	延伸率 A <sub>50</sub> (%)					
标准要求	≥14.5	≥260	≥246	≥246	≥7					
检测结果	15	291	264	264	9					

Deformation Resistance Assurance  
Hardness HW 15  
硬度 HW 15

High Load-Bearing Assurance  
Tensile Strength R<sub>m</sub> 291MPa  
抗拉强度 R<sub>m</sub> 291MPa

High Safety Warning Assurance  
Proof Strength R<sub>p0.2</sub> 246MPa  
规定非比例延伸强度 R<sub>p0.2</sub> 246MPa

Failure Tolerance Assurance  
Elongation A<sub>50</sub>mm 9%  
断后伸长率 A<sub>50</sub>mm 9%

# Profile List

型材清单

 <b>A</b> 500*150*7mm	 <b>B</b> 450*126*13mm	 <b>C</b> 400*120*6mm	 <b>D</b> 350*120*6mm	 <b>E</b> 300*120*5mm
 <b>F</b> 256*121*4.5mm	 <b>G</b> 254*120*4mm	 <b>H</b> 250*120*4mm	 <b>I</b> 203*112*4mm	 <b>J</b> 200*120*4mm
 <b>K</b> 166*88*3mm	 <b>L</b> 150*120*4mm	 <b>M</b> 140*100*4mm	 <b>N</b> 122*68*3mm	 <b>O</b> 120*48*4mm
 <b>P</b> 100*80*2.7mm	 <b>Q</b> 84*48*3mm	 <b>R</b> 80*80*2.75mm	 <b>S</b> 80*46*3mm	 <b>T</b> 65*65*2.5mm
 <b>U</b> 60*60*2.5mm	 <b>V</b> 56*40*2mm	 <b>W</b> 50*50*2mm	 <b>X</b> 40*40*2mm	

● 本清单信息仅供参考，最终规格以双方确认的图纸及订单为准。

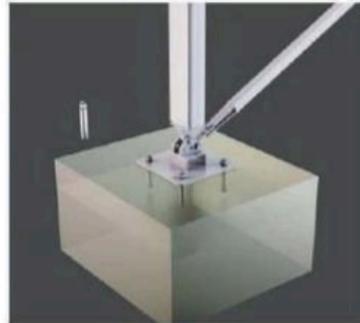
# Secure Foundation

## Assured Safety

稳固根基，安全随行

Mounting: Use ground pegs, bearing plates, or chemical anchors depending on the soil to ensure a secure and stable installation.

固定方式：根据不同地质可采用地钉、承重盘或化学锚栓，确保稳固安全

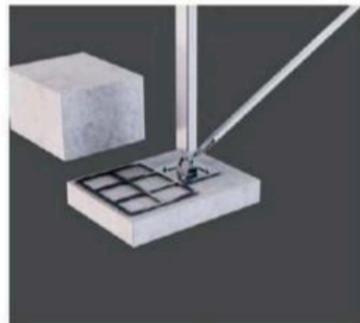


### Concrete Ground

For concrete surfaces with a thickness of 15 cm or more, expansion bolts are recommended for fixation to ensure safety.

混凝土地面：

常见15cm厚度以上混凝土地面推荐膨胀螺丝固定，保证的安全性。

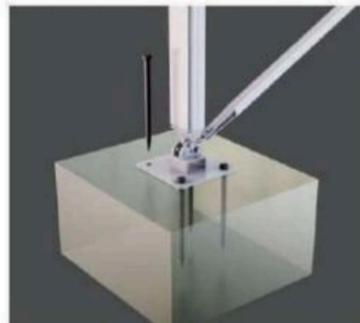


### Non-Destructible Ground

Common in temporary events on squares or commercial premises where the ground cannot be damaged, weighted fixation methods are used.

不可破坏地面：

常见于广场、商场的临时活动，不可破坏地面。会选用压重固定方式。



### Grassland/Muddy Ground

In cases where ecological preservation is required, steel stakes of P25×800mm or 25×500mm can be used for fixation.

草地/泥地：

不能破坏生态的状况下，可采用p25x800mm/25x500mm的钢钉固定。



### Soft Ground/Sandy Ground

To ensure the wind resistance of the tent structure on backfilled or sandy ground, concrete ground beams are poured with embedded connecting components.

软土地/沙地：

回填土地和沙地为保证帐篷的抗风系数，采用混凝土浇灌地梁，同时预埋连接部件。

# Marquee Types and Wind Load Ratings

篷房分类与性能等级

## Structural Design

The Invisible "Safety Redundancy" Is Key  
结构设计：看不见的“安全冗余”才是关键

## Wind Resistance

Relies Not Only on Materials,  
but More on Structure  
抗风性能：不只靠材料，更靠结构



We classify wind resistance into three tiers

我们将抗风能力划分为三个等级



BASIC



STANDARD



ENHANCED

Based on usage, they are categorized into:

根据使用用途，可分为：临时活动篷房与半永久固定式篷房。

## 01 Event Tents

活动篷房

Designed for rapid installation, disassembly, transport, and lightweight use, with wind resistance up to 80 km/h and snow load capacity of 15 kg/m<sup>2</sup>. No additional calculation report is required.

For Events of Excellence

Weddings · Music Festivals · Auto Shows · Short-term Exhibitions

专为快速安装、拆卸、转运和轻便使用而设计，抗风能力满足80km/h，雪荷载标准为15kg/m<sup>2</sup>，无需额外计算报告。

用途：婚礼、音乐节、车展、短期展销会等



## 02 Semi-Permanent Fixed Tents

半永久性固定篷房

1. A feasibility plan that meets safety and stability requirements for the tent structure must be developed based on site conditions and local climate factors (maximum wind speed and snow load).

2. The selection of tent fabric properties (mold resistance/flame retardancy/UV resistance/yellowing resistance) and the materials for structural components (strength and corrosion resistance levels) must be tailored to the local environmental acidity/alkalinity conditions.

For Industrial Expertise

Warehouse & Storage · Sports Halls · Aircraft Hangars · Factory Extensions

1. 需要根据场地情况、当地气候条件（最大风速和雪荷载）来制定能满足安全和稳定的建筑篷房的可行性方案

2. 当地所处环境酸碱性，来决定采购怎样特性的篷布（防霉/阻燃/抗UV/黄变）、结构和配件（材料强度和防腐性等）的材质。

用途：工业仓储、体育馆、机库、厂房扩建等



## A-Frame Tent

人字顶篷房

Classic and practical with efficient drainage. The most common tent structure features a simple and elegant design with a dual-slope roof that allows rainwater to quickly run off, making it suitable for various events, storage, and commercial spaces.

经典实用，排水高效。最常见的篷房结构，造型简洁大气，顶部双面斜坡设计利于雨水快速流散，适用于各类活动、仓储和商业空间。



# A-frame Tents

人字顶篷房



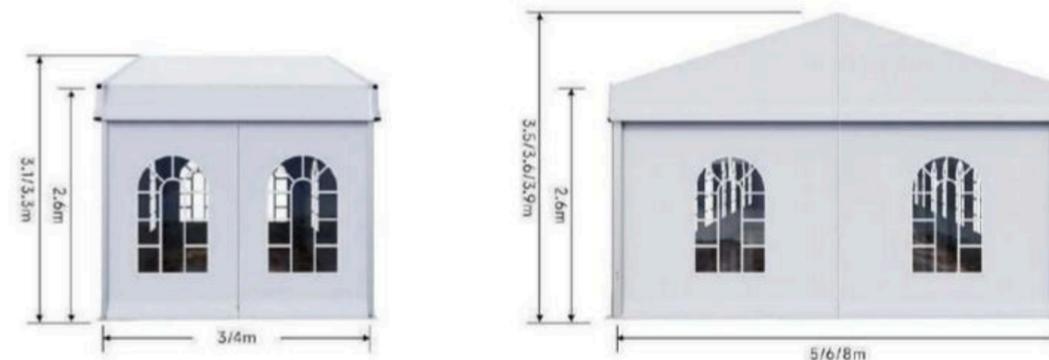
# A-frame Tents

人字顶篷房



## Rendering

效果图



## Technical Specifications for A-Frame Tents

人字顶篷房技术规格

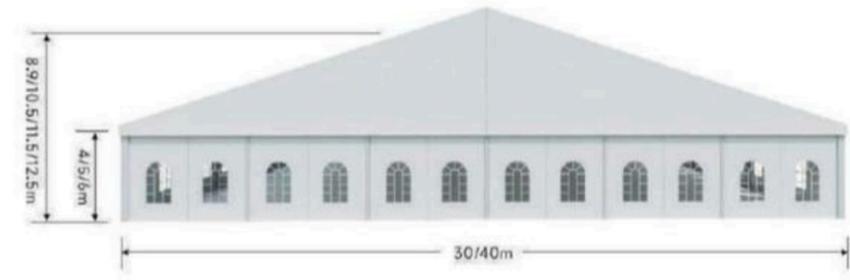
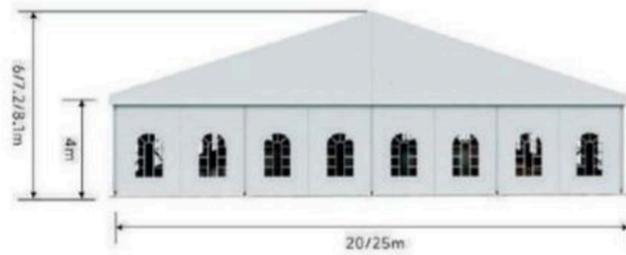
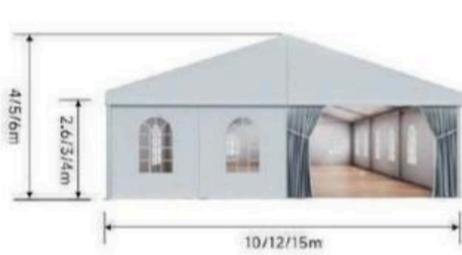
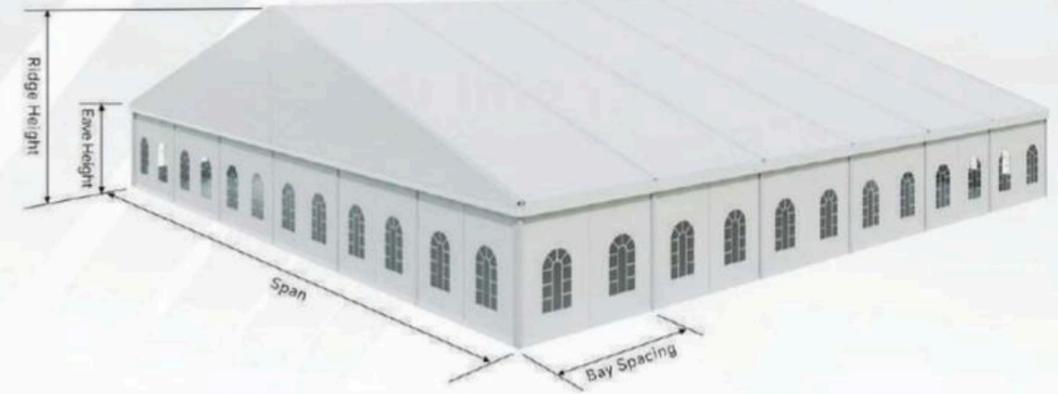
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AF-03	3/9.84	3/9.84	2.6/8.53	3.1/10.17	84*48*3
AF-04	4/13.12	3/9.84	2.6/8.53	3.3/10.83	84*48*3
AF-05	5/16.40	3/9.84	2.6/8.53	3.5/11.48	84*48*3
AF-06	6/19.69	3/9.84	2.6/8.53	3.6/11.81	84*48*3
AF-08	8/26.25	3/9.84	2.6/8.53	3.9/12.80	84*48*3

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

● Rendering  
效果图



● Rendering  
效果图



● Technical Specifications for A-Frame Tents

人字顶篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AF-10	10/32.81	3/9.84	2.6/8.53	4.2/13.78	150*120*4
AFS-12	12/39.37	3/9.84	3/9.84	5/16.40	150*120*4
AFM-15	15/49.21	5/16.40	4/13.12	6.4/21	150*120*4
AFM-20	20/65.62	5/16.40	4/13.12	7.2/23.62	200*120*4
AFM-25	25/82.02	5/16.40	4/13.12	8.1/26.57	200*120*4

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计, 档距可延长, 尺寸与构型均可定制。

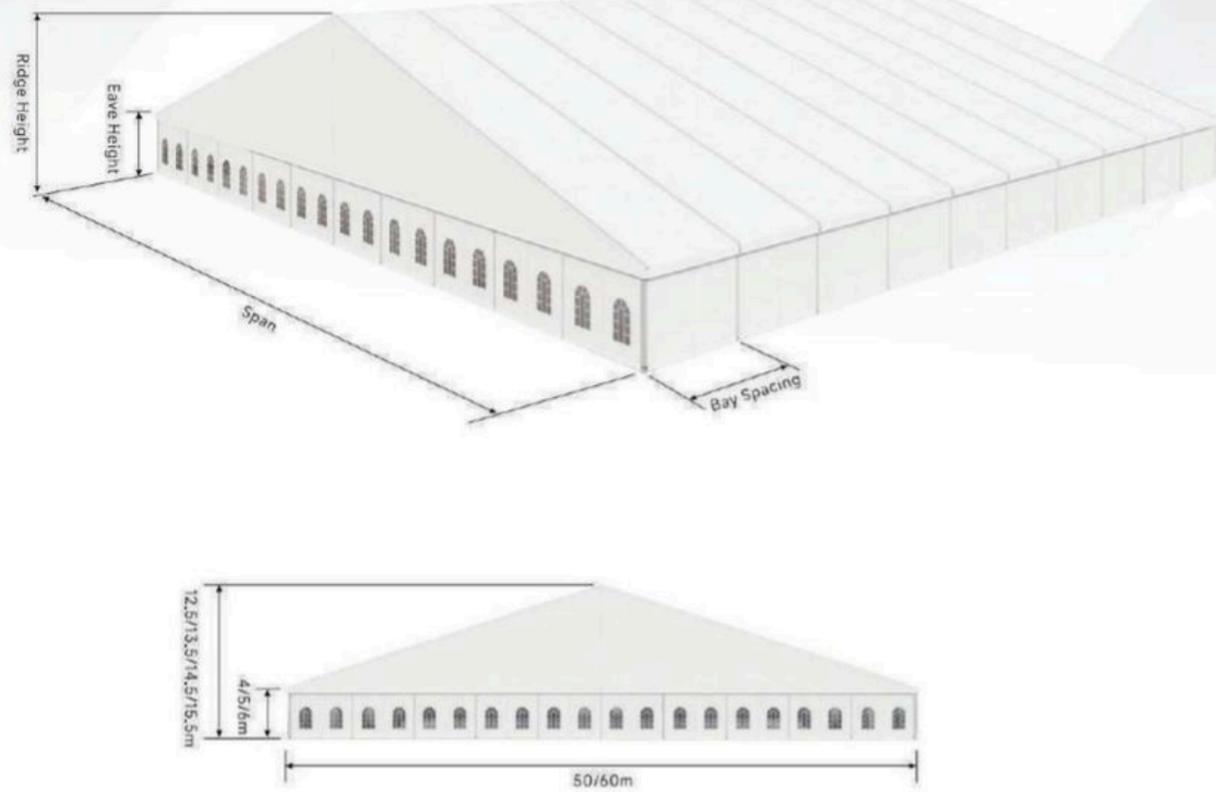
● Technical Specifications for A-Frame Tents

人字顶篷房技术规格

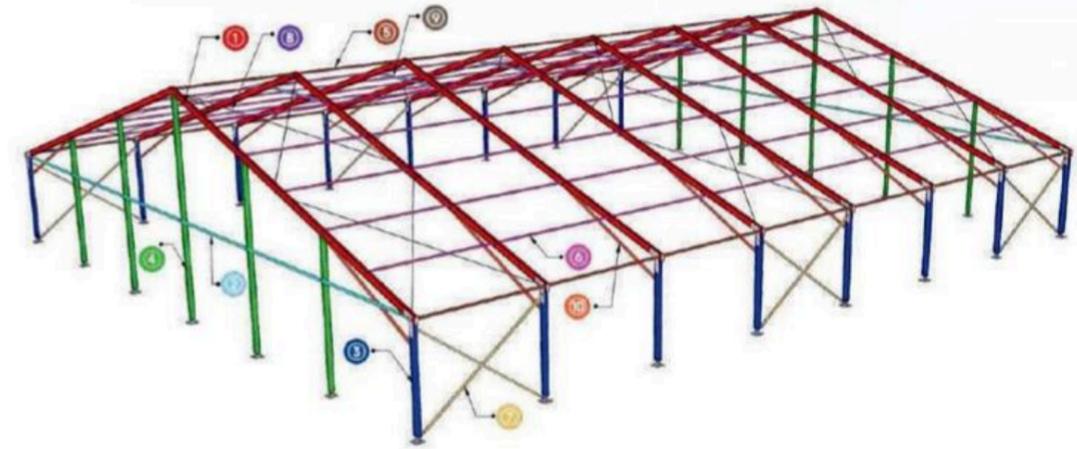
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AFM-30	30/98.43	5/16.40	4/13.12	8.9/29.20	250*120*4
AFM-40	40/131.23	5/16.40	4/13.12	10.5/34.45	350*120*6
AFM-40	40/131.23	5/16.40	5/16.40	11.5/37.73	350*120*6
AFM-40	40/131.23	5/16.40	6/19.69	12.5/41.01	350*120*6

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计, 档距可延长, 尺寸与构型均可定制。

● Rendering  
效果图



● Structural Drawing  
结构图



● Technical Specifications for A-Frame Tents

人字顶篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AFM-50	50/164.04	5/16.40	4/13.12	12.5/41.01	350*120*6
AFM-50	50/164.04	5/16.40	5/16.40	13.5/44.29	350*120*6
AFM-50	50/164.04	5/16.40	6/19.69	14.5/47.57	350*120*6
AFM-60	60/196.85	5/16.40	4/13.12	13.75/45.11	450*126*13
AFM-60	60/196.85	5/16.40	5/16.40	14.75/48.39	450*126*13
AFM-60	60/196.85	5/16.40	6/19.69	15.75/51.67	450*126*13

- 1** Roof beams 斜梁
- 2** Eave Beam Left and Right 左右悬挂管
- 3** Pillar 承重柱
- 4** Central Column 中柱
- 5** Eave Ridgepole beam 屋檐、屋脊方管
- 6** purlin 屋面方管
- 7** Steel cable cross brace 十字撑
- 8** Roof cable 屋面钢绳
- 9** Ridge support 屋脊支撑
- 10** Eaves support 屋檐支撑

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

## Pagoda Tents

尖顶篷房

Tall, elegant, and visually striking. With a high ridge line and a design resembling traditional tents, it offers enhanced decorative appeal and visual impact, often used for celebrations, weddings, and high-end markets.

高耸典雅，视觉醒目。屋脊线高耸，造型类似传统帐篷，更具装饰性和视觉冲击力，常用于庆典、婚礼、高端市集等场合。

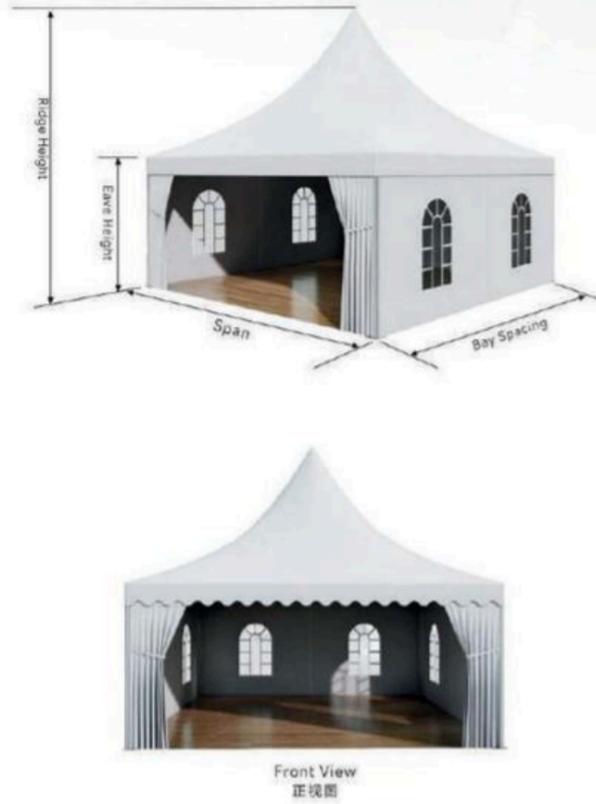


# Pagoda Tents

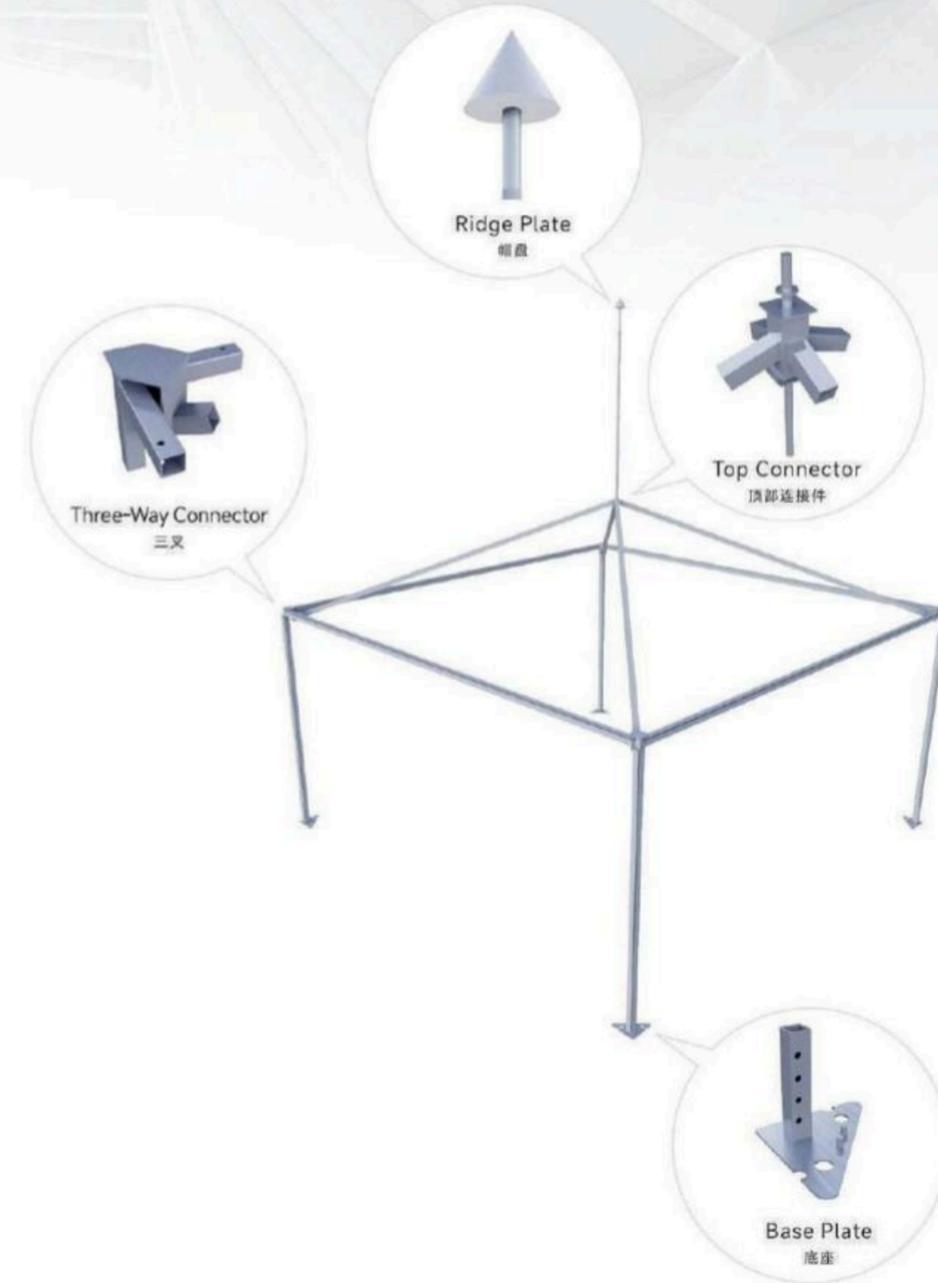
尖顶篷房



● Rendering  
效果图



● Structural Drawing  
结构图



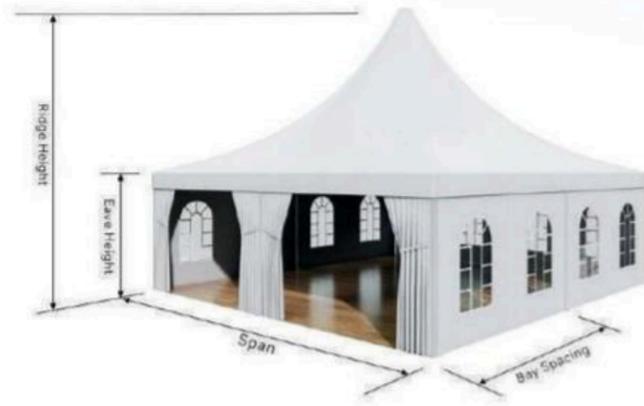
● Technical Specifications for Pagoda Tents

尖顶篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
PAM-03	3/9.84	3/9.84	2.5/8.20	4.2/13.78	84*48*3
PAM-04	4/13.12	4/13.12	2.5/8.20	4.8/15.75	84*48*3
PAM-05	5/16.40	5/16.40	2.5/8.20	5.2/17.06	84*48*3
PAM-06	6/19.69	6/19.69	2.5/8.20	5.8/19.03	84*48*3

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

● Rendering  
效果图



Front View  
正视图

● Technical Specifications for Pagoda Tents

尖顶篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
PAM-08	8/26.25	4/13.12	2.6/8.53	6.4/21.00	84*48*3
PAM-10	10/32.81	5/16.40	2.6/8.53	6.9/22.64	150*120*4

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

● Structural Drawing  
结构图





## Arcum Tent

弧形篷房

Sleek, rounded, and modernly minimalist. The smooth arched roof features elegant flowing lines and a low wind resistance coefficient, giving it a modern and professional appearance, making it an ideal choice for exhibitions and sports venues.

流线圆润，现代简约。顶部呈平滑的弧形，线条流畅优美，风阻系数小，整体观感现代且专业，是展览展示、体育场馆的理想选择。



# Arcum Tent

弧形篷房

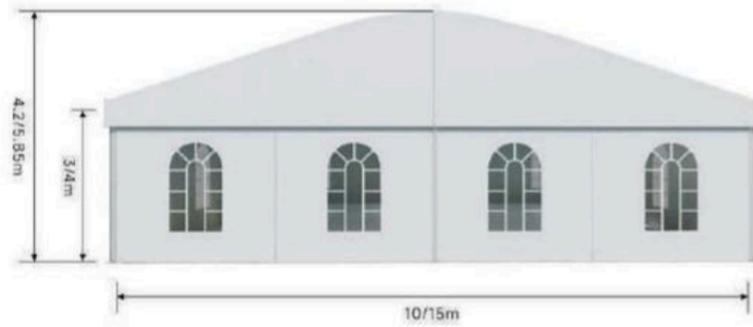
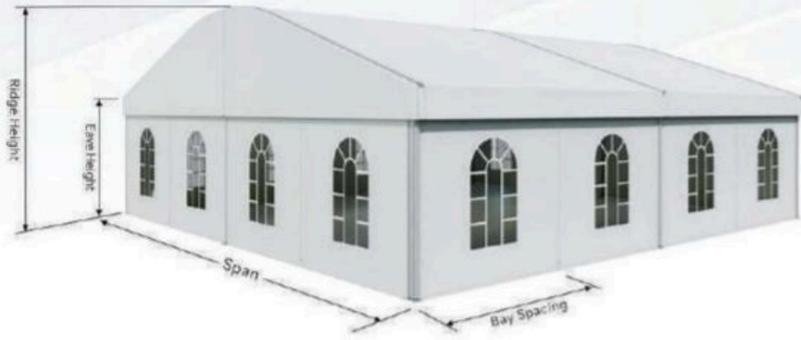


# Arcum Tent

弧形篷房



● Rendering  
效果图



● Rendering  
效果图



● Technical Specifications for Polygon Tents

弧形篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AC-10	10/32.81	5/16.40	3/9.84	4.2/13.78	150*120*4
AC-15	15/49.21	5/16.40	4/13.12	5.85/19.19	150*120*4

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

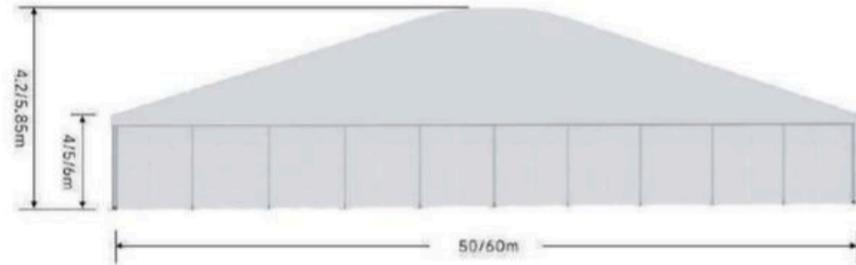
● Technical Specifications for Polygon Tents

弧形篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AC-20	20/65.62	5/16.40	4/13.12	6.5/21.33	200*120*4
AC-25	25/82.02	5/16.40	4/13.12	7.2/23.62	250*120*4
AC-30	30/98.43	5/16.40	4/13.12	7.85/25.75	250*120*5
AC-40	40/131.23	5/16.40	4/13.12	9.5/31.17	350*120*6

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

● Rendering  
效果图



● Structural Drawing  
结构图

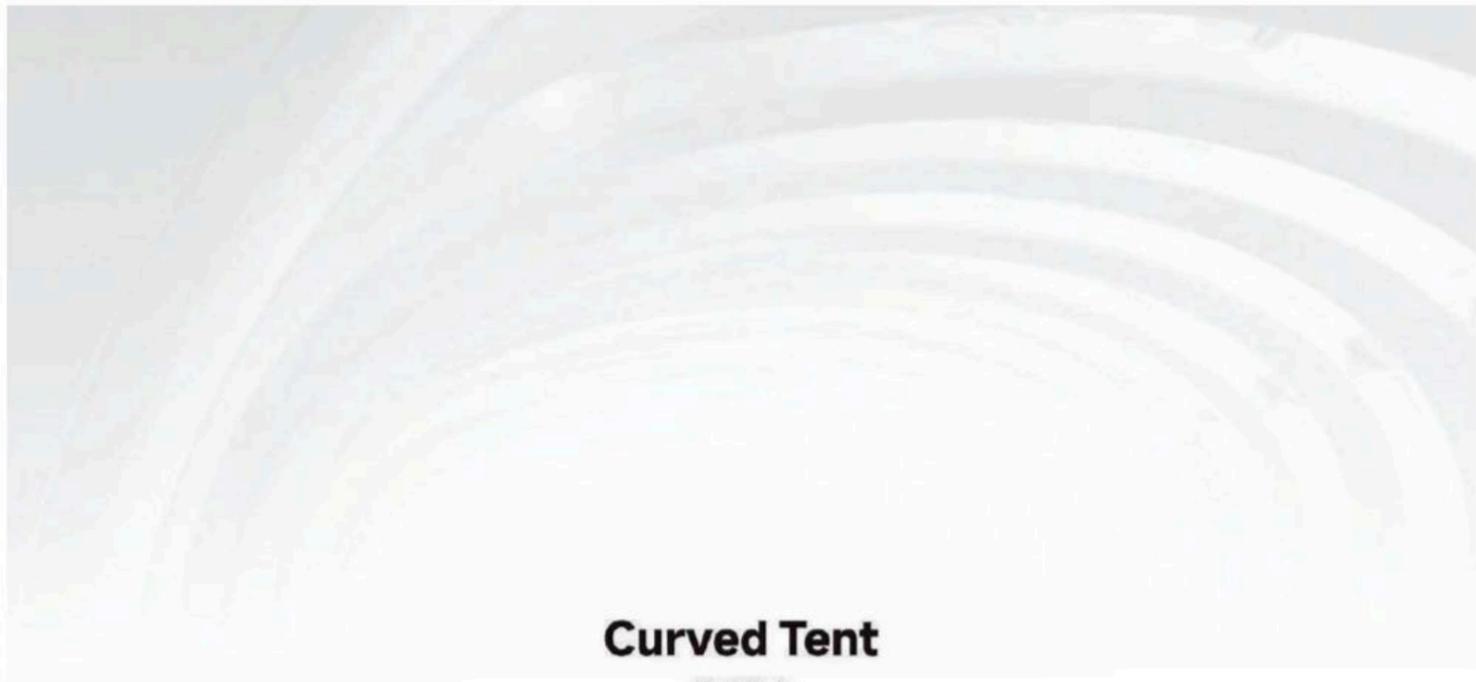


● Technical Specifications for Polygon Tents  
弧形篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AC-50	50/164.04	5/16.40	4/13.12	10.88/35.69	350*120*6
AC-50	50/164.04	5/16.40	5/16.40	11.88/38.97	350*120*6
AC-50	50/164.04	5/16.40	6/19.69	12.88/42.25	350*120*6
AC-60	60/196.85	5/16.40	4/13.12	12.25/40.19	450*126*13
AC-60	60/196.85	5/16.40	5/16.40	13.25/43.47	450*126*13
AC-60	60/196.85	5/16.40	6/19.69	14.25/46.75	450*126*13

- 1 Roof beams 斜梁
- 4 Central Column 中柱
- 7 Steel cable cross brace 十字撑
- 10 Eaves support 屋檐支撑
- 2 Eave Beam Left and Right 左右悬挂管
- 5 Eave Ridgepole beam 屋檐、梁脊方管
- 8 Roof cable 屋面钢缆
- 3 Pillar 承重柱
- 6 purlin 屋架方管
- 9 Ridge support 屋脊支撑

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。



## Curved Tent

桃形篷房

Elegant, pillar-free, and spatially complete. The gracefully curved side pillars and arched roof create a unique peach-shaped silhouette, offering a completely unobstructed interior space that combines aesthetics with high spatial efficiency, making it a premium choice for high-end banquets and brand events.

优雅无柱，空间完整。两侧立柱优美内弯，与弧形顶构成独特的桃形轮廓，内部实现完全无立柱的完整空间，兼具美观性与超高空间利用率，是高端宴会、品牌活动的优选。

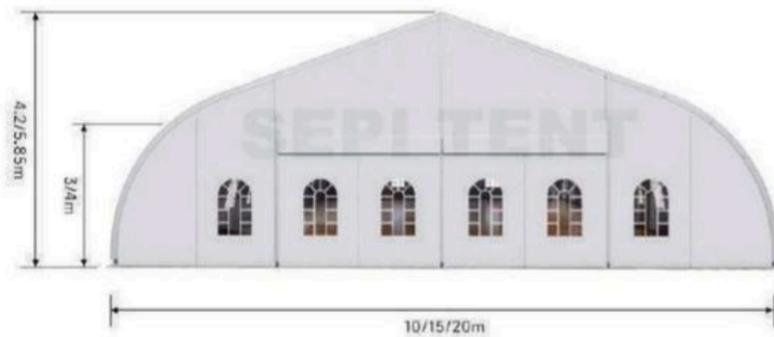


# Curved Tent

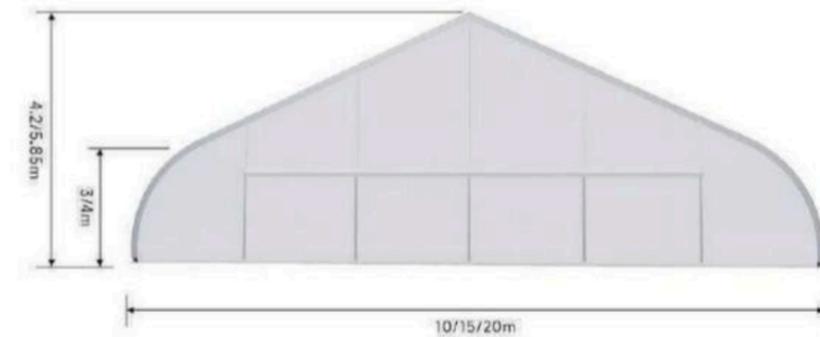
桃形篷房



● Rendering  
效果图



● Rendering  
效果图



● Technical Specifications for Curved Tents

桃形篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
CR-10	10/32.81	5/16.40	4/13.12	5.6 /18.37	150*120*4
CR-15	15/49.21	5/16.40	4/13.12	6.7/21.98	150*120*4
CR-20	20/65.62	5/16.40	4/13.12	7.6 /24.93	200*120*4

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计, 档距可延长, 尺寸与构型均可定制。

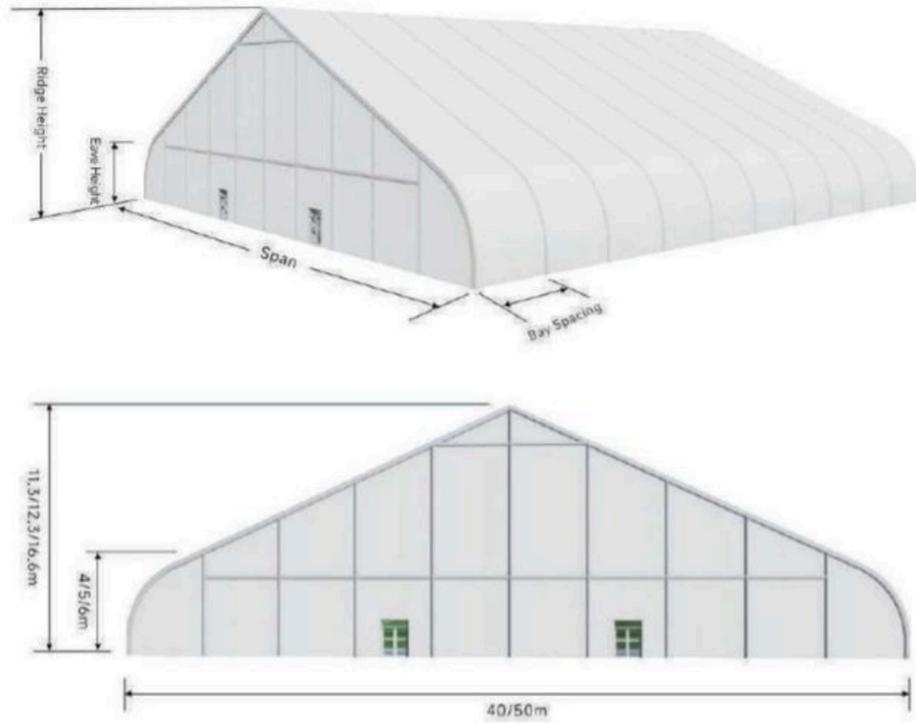
● Technical Specifications for Curved Tents

桃形篷房技术规格

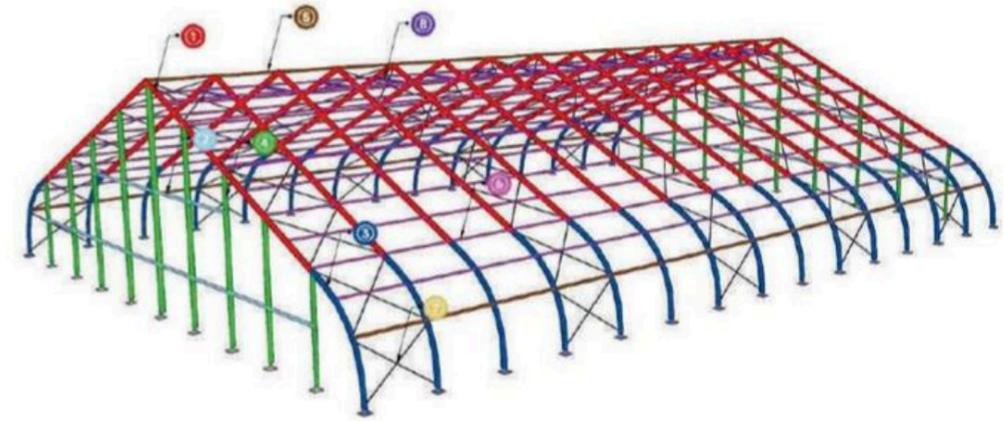
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
CR-25	25/82.02	5/16.40	4/13.12	8.55/28.05	250*120*4
CR-30	30/98.43	5/16.40	4/13.12	9.5/31.17	250*120*5

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计, 档距可延长, 尺寸与构型均可定制。

● Rendering  
效果图



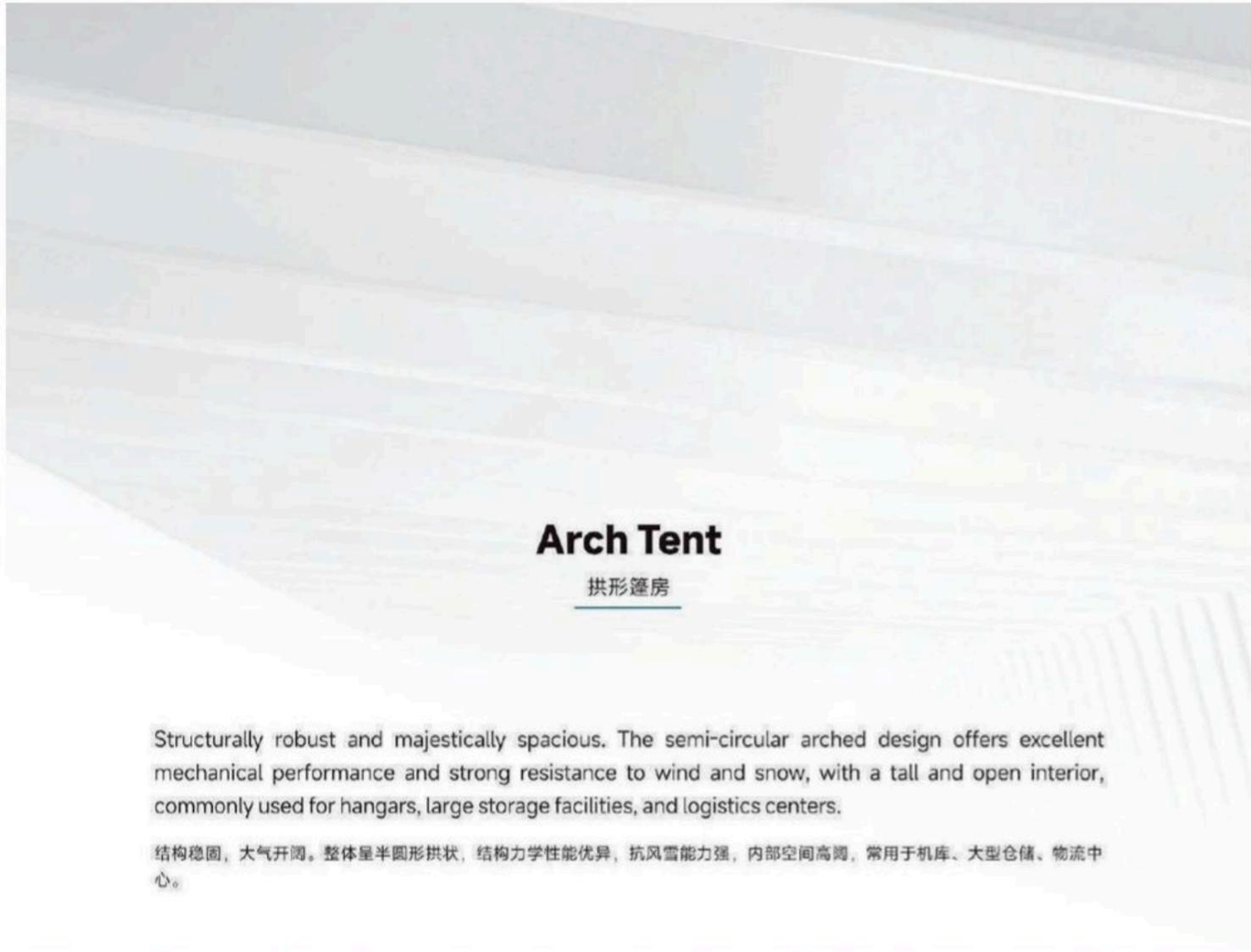
● Structural Drawing  
结构图



● Technical Specifications for Curved Tents  
桃形篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
CR-40	40/131.23	5/16.40	4/13.12	11.3/37.07	350*120*6
CR-40	40/131.23	5/16.40	5/16.40	12.3/40.35	350*120*6
CR-40	40/131.23	5/16.40	6/19.69	13.3/43.64	350*120*6
CR-50	50/164.04	5/16.40	4/13.12	16.6/54.46	350*120*6
CR-50	50/164.04	5/16.40	5/16.40	16.6/54.46	350*120*6
CR-50	50/164.04	5/16.40	6/19.69	16.6/54.46	350*120*6

- 1 Roof beams 弯柱梁
- 2 Eave Beam Left and Right 左右悬挂管
- 3 Pillar 承重柱
- 4 Central Column 中柱
- 5 Eave beam 屋檐方管
- 6 purlin 屋面方管
- 7 Roof cable 屋面钢索
- 8 ridge beam support bracing 屋脊加固撑

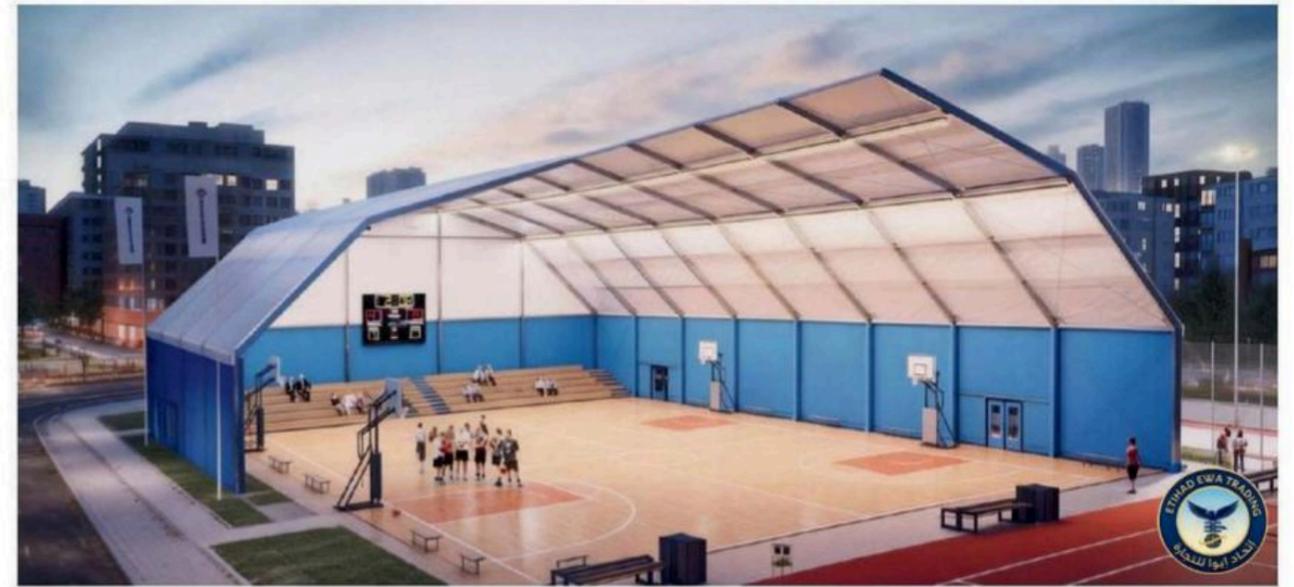


## Arch Tent

拱形篷房

Structurally robust and majestically spacious. The semi-circular arched design offers excellent mechanical performance and strong resistance to wind and snow, with a tall and open interior, commonly used for hangars, large storage facilities, and logistics centers.

结构稳固，大气开阔。整体呈半圆形拱状，结构力学性能优异，抗风雪能力强，内部空间高阔，常用于机库、大型仓储、物流中心。



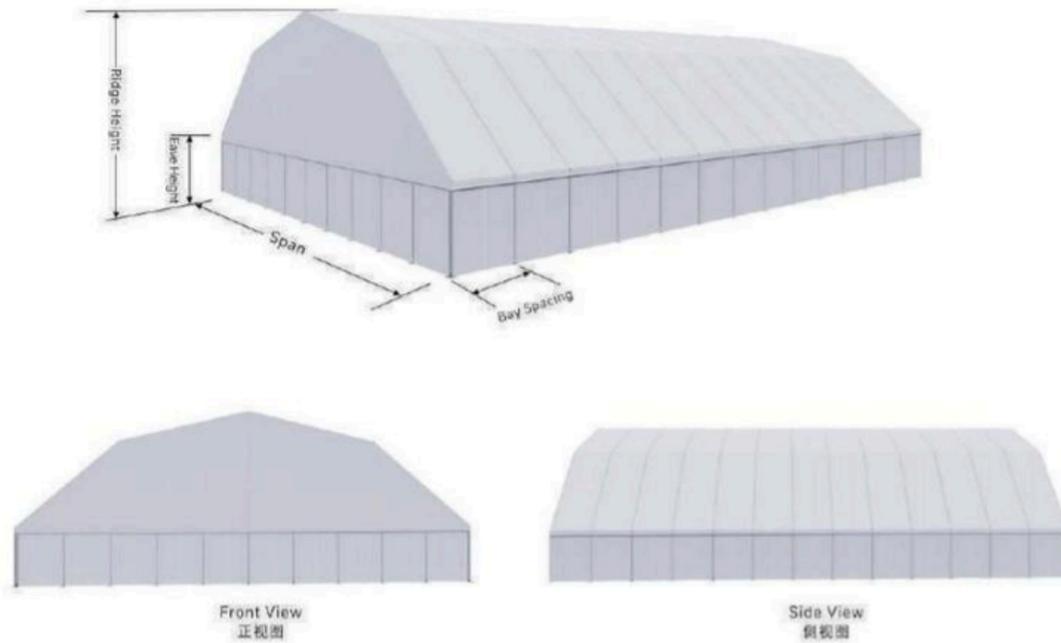
# Arch Tent

拱形篷房



## ● Rendering

效果图



## ● Structural Drawing

结构图



- |   |                                      |                                      |                              |
|---|--------------------------------------|--------------------------------------|------------------------------|
| <b>1</b> Roof beams 斜梁                  | <b>4</b> Central Column 中柱           | <b>7</b> Steel cable cross brace 十字撑 | <b>10</b> Eaves support 屋檐支撑 |
| <b>2</b> Eave Beam Left and Right 左右悬挂管 | <b>5</b> Eave Ridgepole beam 屋檐、屋脊方管 | <b>8</b> Roof cable 屋面钢缆             |                              |
| <b>3</b> Pillar 承重柱                     | <b>6</b> purlin 屋脊方管                 | <b>9</b> Ridge support 屋脊支撑          |                              |

## ● Specifications

技术参数

### Technical Specifications for Arch Tents

拱形篷房技术规格

Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AR-10	10/32.81	5/16.40	4/13.12	7.16/23.49	150*120*4
AR-15	15/49.21	5/16.40	4/13.12	8.75/28.71	150*120*4
AR-20	20/65.62	5/16.40	4/13.12	9.42/30.90	200*120*4
AR-30	30/98.43	5/16.40	4/13.12	13.2/43.31	250*120*5
AR-40	40/131.23	5/16.40	4/13.12	18/59.06	350*120*6
AR-40	40/131.23	5/16.40	5/16.40	19/62.34	350*120*6
AR-40	40/131.23	5/16.40	6/19.69	20/65.62	350*120*6
AR-50	50/164.04	5/16.40	4/13.12	21.5/70.54	350*120*6
AR-50	50/164.04	5/16.40	5/16.40	22.5/73.82	350*120*6
AR-50	50/164.04	5/16.40	6/19.69	23.5/77.10	350*120*6
AR-60	60/196.85	5/16.40	4/13.12	25/82.02	450*126*13
AR-60	60/196.85	5/16.40	5/16.40	26/85.30	450*126*13
AR-60	60/196.85	5/16.40	6/19.69	27/88.58	450*126*13

## Atrium Tent

中庭篷房

Panoramic transparency, high-end, and grand. Featuring a fully transparent design and a central atrium structure that floods the interior with natural light, the space is bright and open like a crystal palace, making it a premier venue for dream weddings, high-end receptions, and fashion events.

全景通透，高端大气。采用全透明设计，顶部中庭结构引入充足自然光。内部通透明亮，宛如水晶宫殿，是举办梦幻婚礼、高端酒会与时尚活动的顶级场所。

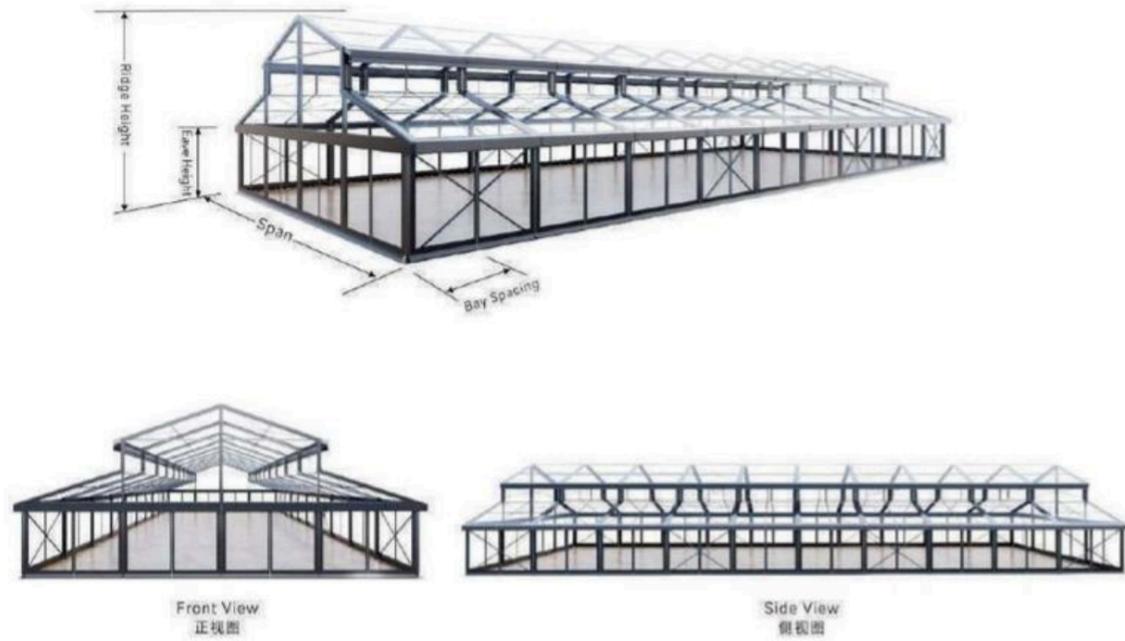


# Atrium Tent

中庭篷房



● Rendering  
效果图



● Specifications  
技术参数

Technical Specifications for Atrium Tents 中庭篷房技术规格					
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
AFS-15	15/49.21	5/16.40	2.7/8.86	6.4/21	150*120*4
AFS-20	20/65.62	5/16.40	4/13.12	8.6/28.22	200*120*4
AFS-30	30/98.43	5/16.40	3/9.84	9.4/30.84	250*120*4
AFS-35	35/114.83	5/16.40	3/9.84	10.2/33.46	300*120*5
AFS-40	40/131.23	5/16.40	3/9.84	11/36.09	350*120*6

● Structural Drawing  
结构图



- 1** Roof beams 斜梁
- 2** Eave Beam Left and Right 左右悬挂管
- 3** Pillar 承重柱
- 4** Central Column 中柱
- 5** Eave Ridgepole beam 屋檐、屋脊方管
- 6** purlin 屋面方管
- 7** Steel cable cross brace 十字撑
- 8** Roof cable 屋面钢缆
- 9** Ridge support 屋脊支撑



## Polygon Tent

多边形篷房

Unique in shape and flexibly combinable. Designed in hexagonal, octagonal, or other polygonal shapes, it boasts a distinctive style. Multiple units can be flexibly connected, making it perfect for creative markets and brand pop-up shops.

造型独特，灵活组合。设计为六边形、八边形等多边造型，风格独特，多个单体可灵活组合连接，适合创意市集、品牌快闪店等。

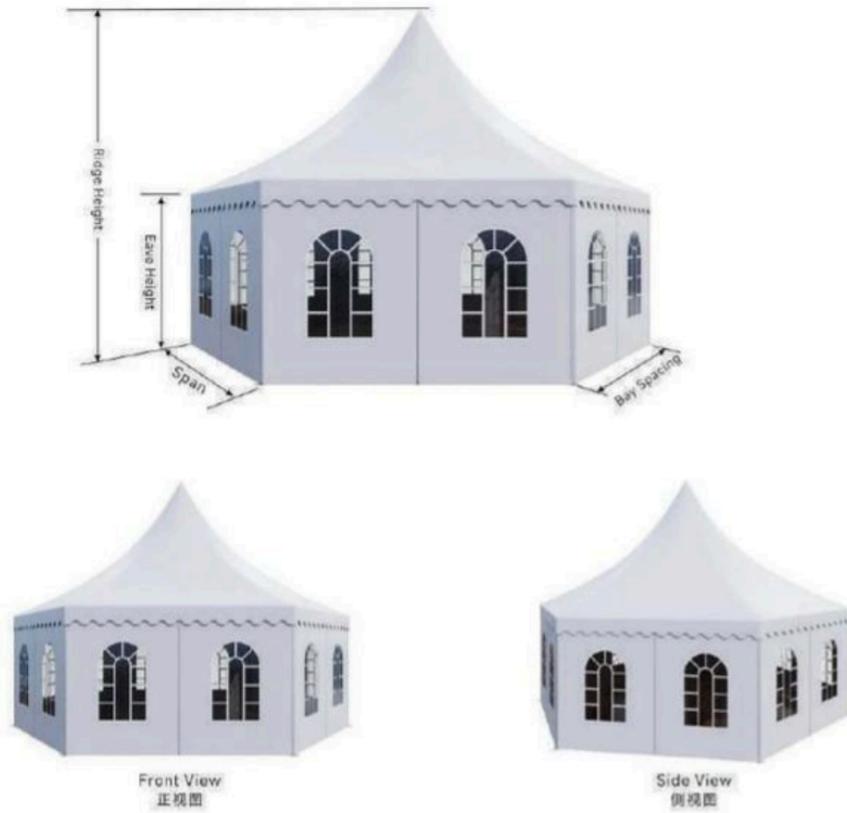


# Polygon Tent

多边形篷房



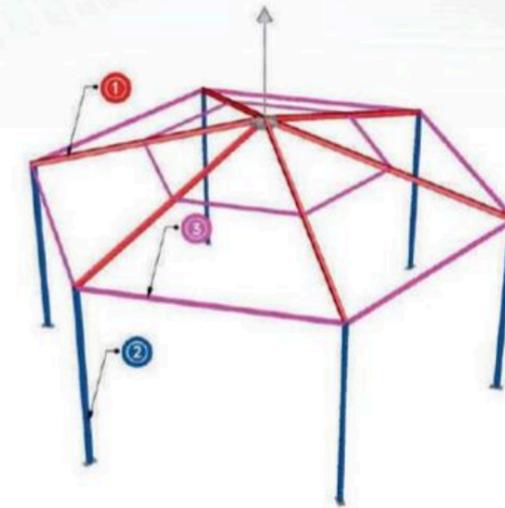
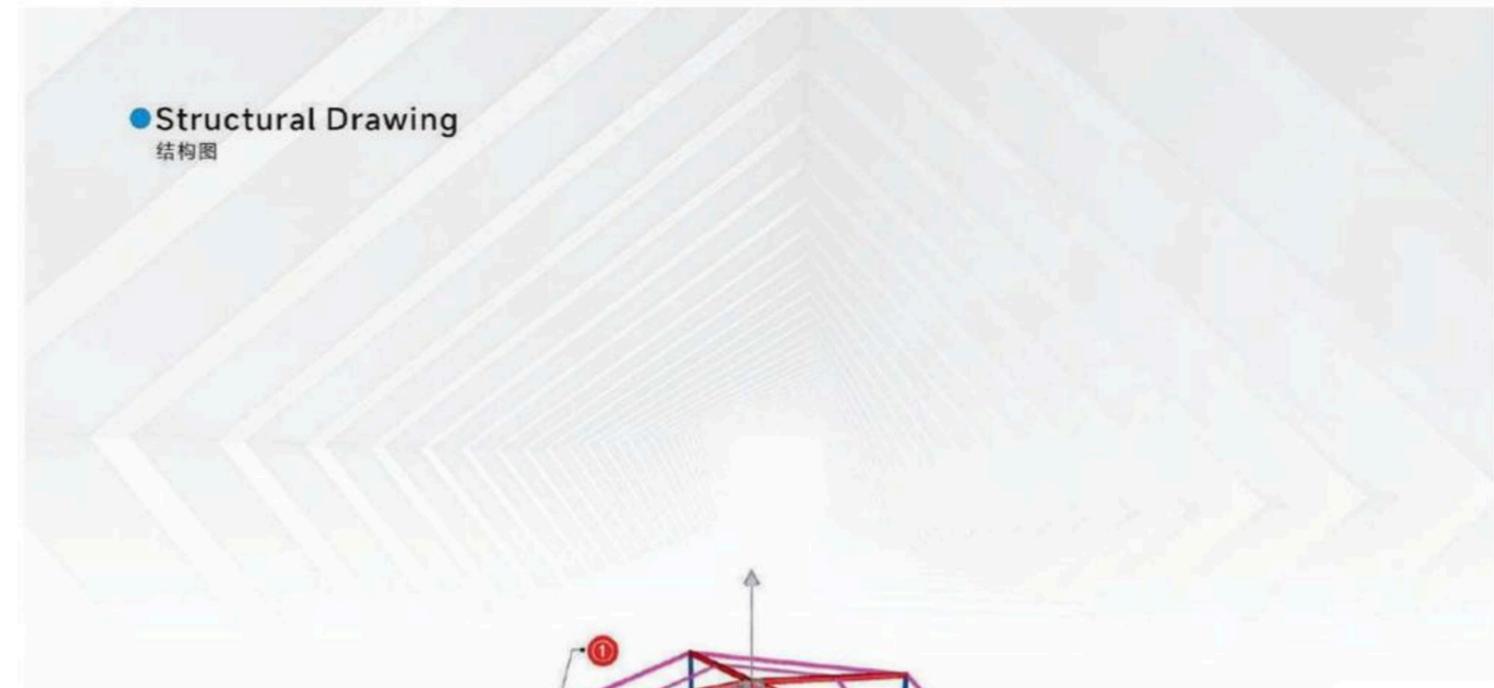
● Rendering  
效果图



● Specifications  
技术参数

Technical Specifications for Polygon Tents 多边形篷房技术规格					
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
PO-06	6/19.69	3/9.84	2.6/8.53	3.6/11.81	84*48*3
PO-08	8/26.25	4/13.12	2.6/8.53	3.9/12.80	84*48*3
PO-10	10/32.81	5/16.40	3/9.84	4.6/15.09	150*120*4
PO-12	12/39.37	4.6/15.09	3/9.84	5/16.40	150*120*4
PO-15	15/49.21	4.65/15.26	4/13.12	6.45/21.16	150*120*4
POL-20	20/65.62	5.2/17.06	4/13.12	7.25/23.79	200*120*4

● Structural Drawing  
结构图



- 1
Roof beams 脊梁
- 2
Pillar 承重柱
- 3
Eave Beam Left and Right 左右悬挂管

## Capsule-Shaped Tent

异形胶囊篷房

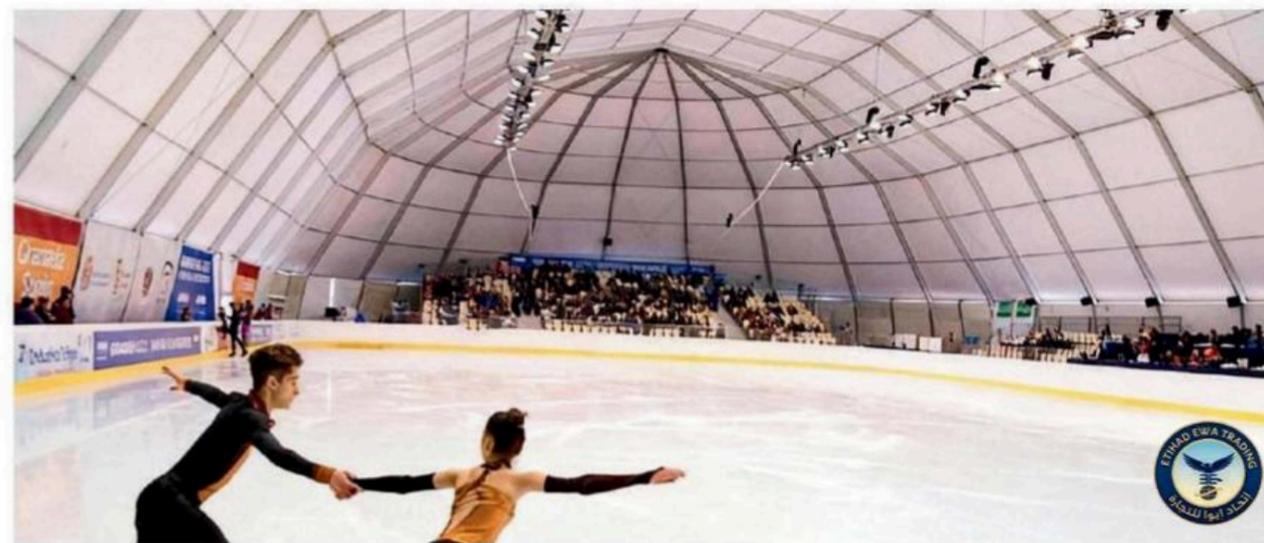
Futuristic and highly attractive. Featuring a modular, streamlined gel-like design, it exudes a strong sense of technology and futurism. Suitable for standalone or clustered use, it serves as the perfect finishing touch for creating landmark temporary structures and trending social spaces.

未来感强，极具吸引力。采用模块化、流线型的胶囊状设计，极具科技感与未来感，可独立或集群使用，是打造地标性临时建筑和网红空间的点睛之笔。



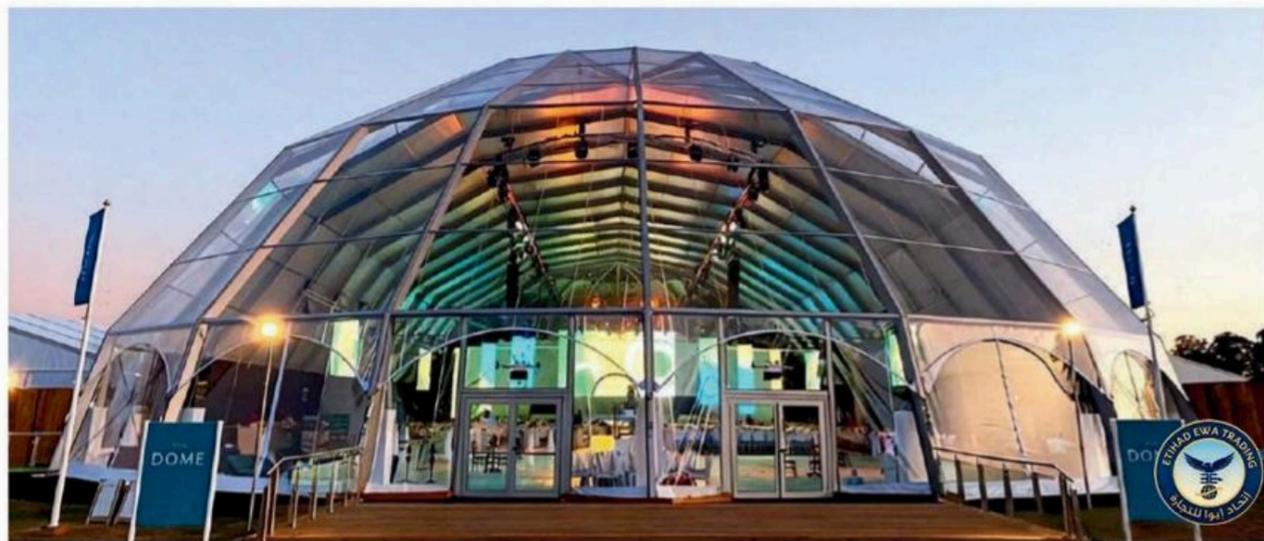
# Capsule-Shaped Tent

异形胶囊篷房



# Capsule-Shaped Tent

异形胶囊篷房



## ● Rendering

效果图



## ● Structural Drawing

结构图



- 1 Roof beams 斜梁
- 2 Pillar 承重柱
- 3 purlin 屋面方管
- 4 Ridge support 屋脊支撑



## Double-Decker Tent

双层篷房

Space-efficient and functionally layered. The innovative double-decker design effectively multiplies usable area, allowing for different functional zones on upper and lower levels, making it suitable for dining, observation decks, and VIP lounges.

空间倍增，功能立体。创新性的双层设计，有效倍增使用面积，可规划为上下层不同功能区，适用于餐饮、观景台、VIP休息室等。



# Double-Decker Tent

双层篷房



● Rendering  
效果图

● Structural Drawing  
结构图

● Specifications  
技术参数

Technical Specifications for Double-Decker Tents 双层篷房技术规格					
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
DB-10	10/32.81	5/16.40	8/26.25	9.6/36.09	150*120*4
DB-15	15/49.21	5/16.40	8/26.25	10.4/34.12	150*120*4
DB-20	20/65.62	5/16.40	8/26.25	11.3/37.07	200*120*4
DB-30	30/98.43	5/16.40	8/26.25	12.88/42.26	250*120*4
DB-40	40/131.23	5/16.40	8/26.25	14.5/47.57	300*120*5
DB-40	40/131.23	5/16.40	10/32.81	16.5/54.13	300*120*5
DB-40	40/131.23	5/16.40	12/39.37	18.5/60.70	350*120*5

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

## Mixed Marquee Tent

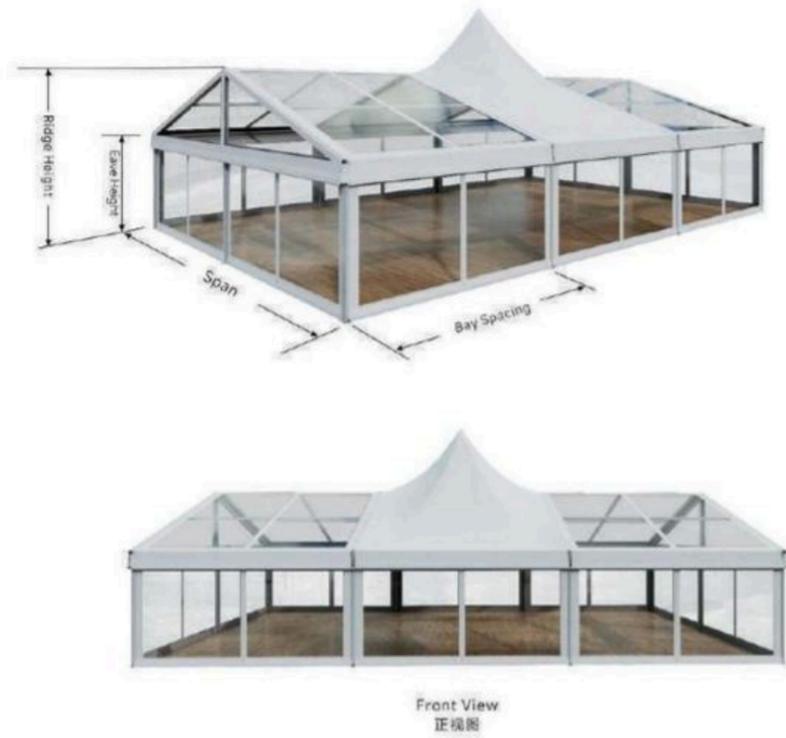
组合式篷房

Integrated functions and grand scale. By combining and connecting various basic marquees (such as A-frame and spire types), a large multifunctional space with clearly defined zones is created, meeting the demands of large-scale, comprehensive events.

功能集成，规模宏大。通过多种基础篷房（如人字顶、尖顶）的组合连接，形成功能分区明确的大型复合空间，满足超大型、综合性的活动需求。



● Rendering  
效果图



● Specifications  
技术参数

Technical Specifications for Mixed Marquee Tent 组合篷房技术规格					
Model 型号	Span 跨度(m/ft)	Bay Spacing 档距(m/ft)	Eave Height 边高(m/ft)	Ridge Height 顶高(m/ft)	Main Profiles 主要型材规格 (mm)
MI-10	10/32.81	5/16.40	3/9.84	4.62/15.16	150*120*4
MI-15	15/49.21	5/16.40	4/13.12	6.44/21.13	150*120*4
MI-20	20/65.62	5/16.40	4/13.12	7.25/23.79	200*120*4

Modular design allows for extendable spans, customizable dimensions and configurations.  
模块化设计，档距可延长，尺寸与构型均可定制。

● Structural Drawing  
结构图



## Event Marquee Case Studies

活动篷房案例参考

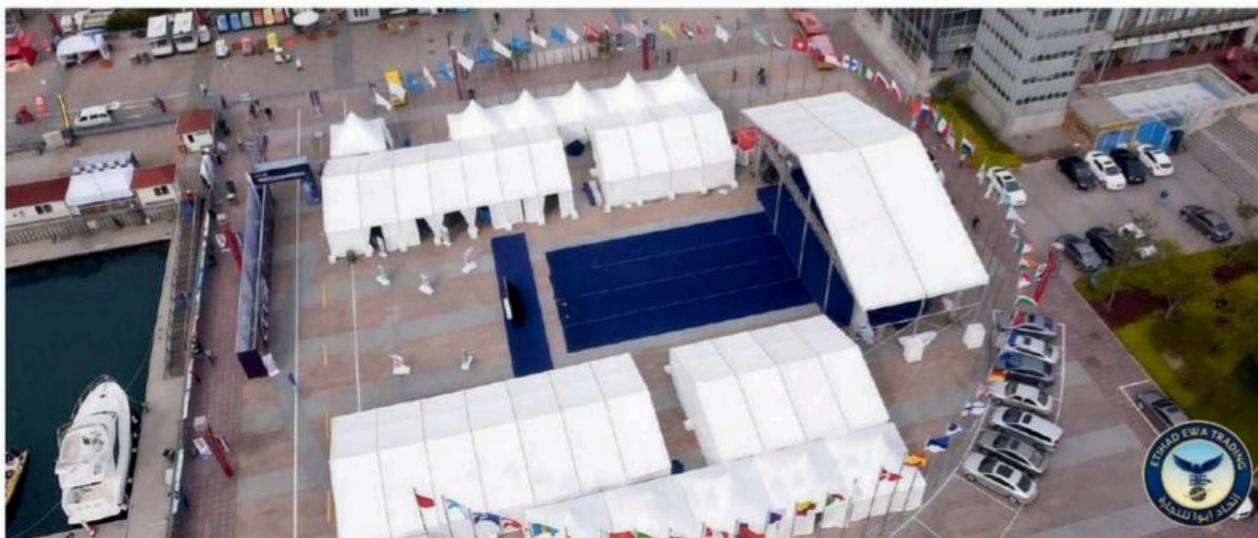
Rapid deployment, ready when needed. Constructed with lightweight alloy frames and professional canopy materials, it features easy installation and disassembly along with adaptable site compatibility. It can quickly create tidy, safe temporary spaces, widely serving various immediate needs such as outdoor celebrations, corporate events, and emergency support scenarios.

快速构建，即需即用。采用轻质合金框架与专业篷布，具备便捷的拆装特性与灵活的场地适应性，可迅速搭建出规整、安全的临时空间，广泛服务于户外庆典、企业活动、应急保障等各类即时性场景需求。



# Event Marquee Case Studies

活动篷房案例参考





# Transportation Facilities Category

## 交通设施类

### Characteristics:

Emphasis on functionality, durability, and spatial coverage, typically requiring compliance with safety standards for transportation architecture.

特点：注重功能性、耐久性及空间覆盖，通常需要符合交通建筑的安全标准。



· Membrane Structure Carports (parking lots, bicycle sheds, etc.)  
· 膜结构车棚 (停车场、自行车棚等)



· Membrane Structure Toll Stations (highways, bridge toll stations)  
· 膜结构收费站 (高速公路、桥梁收费站)



· Shaded Passageway Membrane Structures (pedestrian overpasses, subway entrance/exits shaded passageways)  
· 通道遮阳膜结构 (人行天桥、地铁出入口遮阳通道)



· Roof Sunshade (Sun/Rain Canopies for Ordinary Office Buildings, Residential Communities, and Public Building Roofs)  
· 楼顶遮阳 (普通办公楼、住宅小区、公共建筑楼顶的遮阳/遮雨篷)



· Transportation Energy Station Membrane Structures (Gas Stations, Charging Piles, etc.)  
· 交通能源站膜结构 (加油站、充电桩等)

· Membrane Structure Carports (parking lots, bicycle sheds, etc.)

· 膜结构车棚 (停车场、自行车棚等)



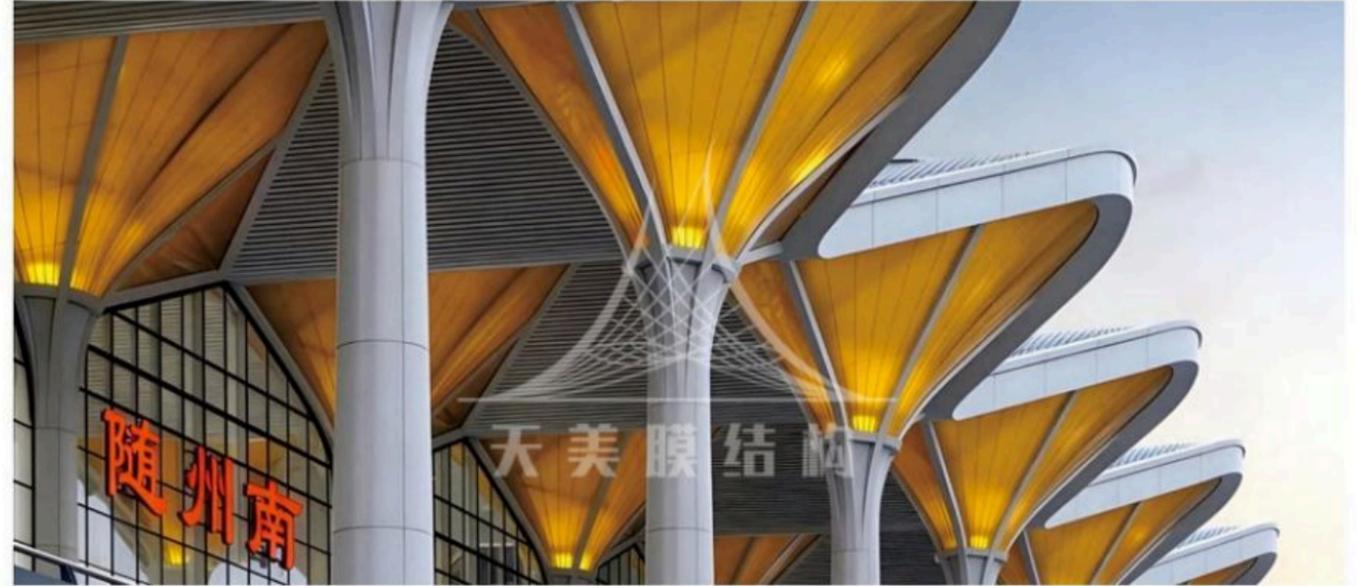
· Membrane Structure Toll Stations (highways, bridge toll stations)

· 膜结构收费站 (高速公路、桥梁收费站)



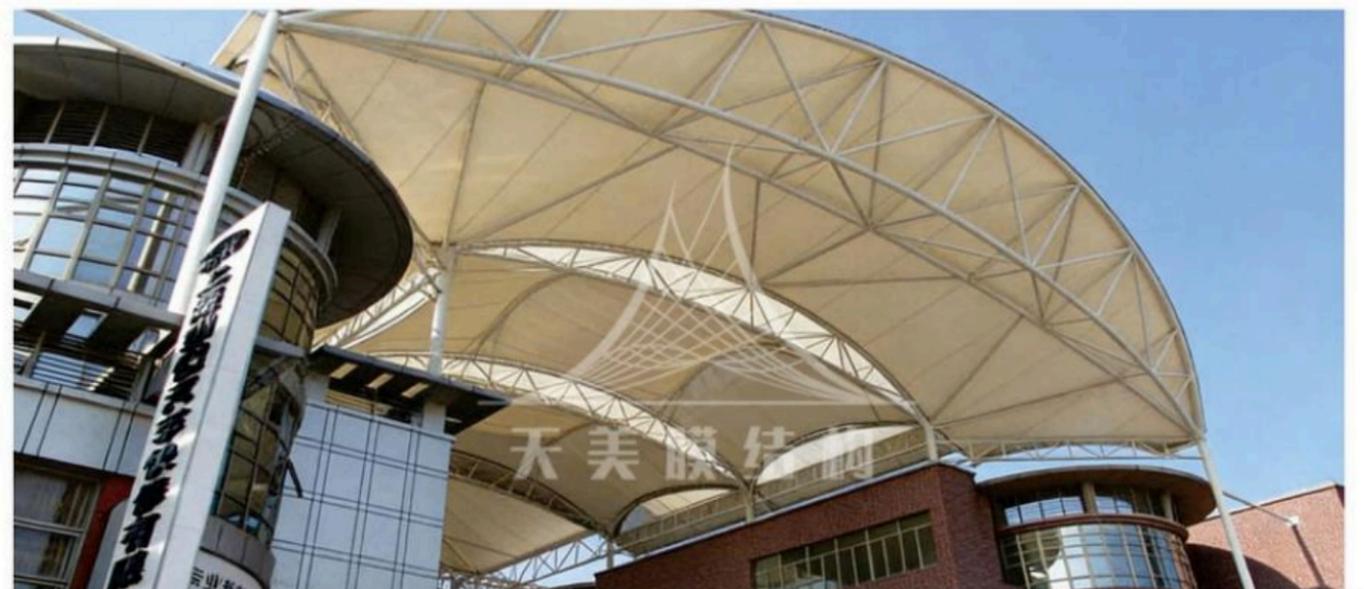
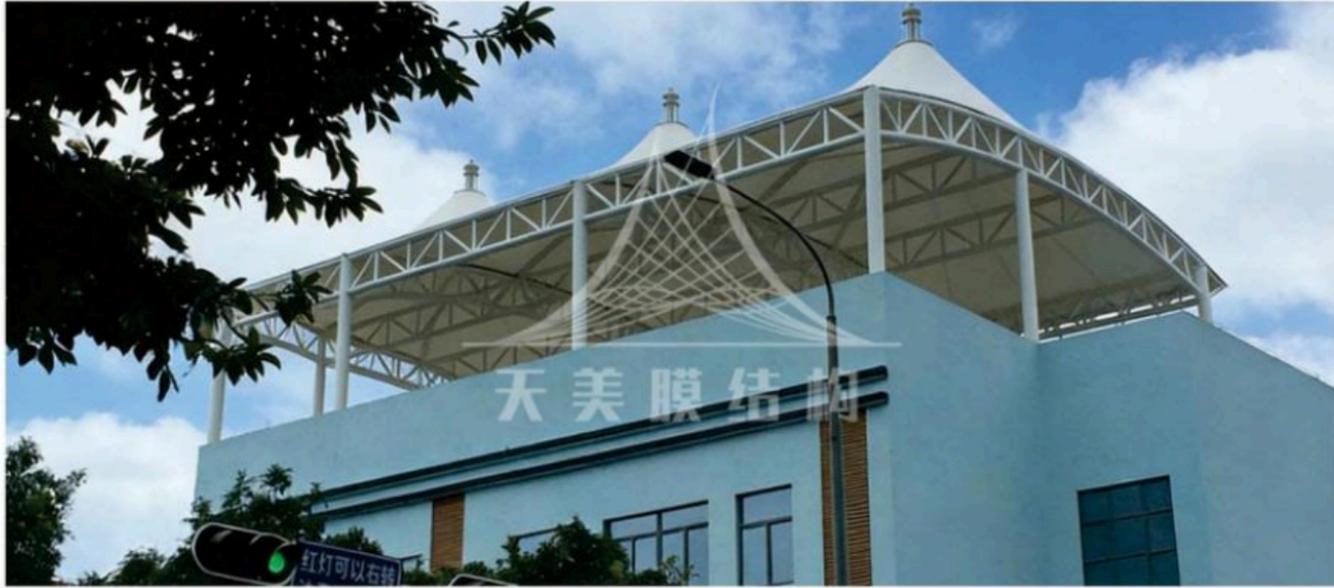
· Shaded Passageway Membrane Structures (pedestrian overpasses, subway entrance/exits shaded passageways)

· 通道遮阳膜结构 (人行天桥、地铁出入口遮阳通道)



·Roof Sunshade (Sun/Rain Canopies for Ordinary Office Buildings, Residential Communities, and Public Building Roofs)

·楼顶遮阳 (普通办公楼、住宅小区、公共建筑楼顶的遮阳/遮雨篷)







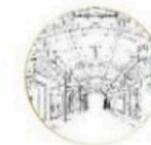
# Commercial and Public Space Category

## 商业与公共空间类

### Characteristics:

Balances aesthetics and practicality, often used in commercial complexes or urban public areas.

特点：兼顾美观性与实用性，常用于商业体或城市公共区域。



· Entrance Canopy Membrane Structures (shading decoration for shop and mall entrances)  
· 门头膜结构遮阳 (商铺、商场入口遮阳装饰)



· Membrane Structure Hotels (hotel lobbies, outdoor leisure area canopies)  
· 膜结构酒店 (酒店大堂、户外休闲区顶棚)



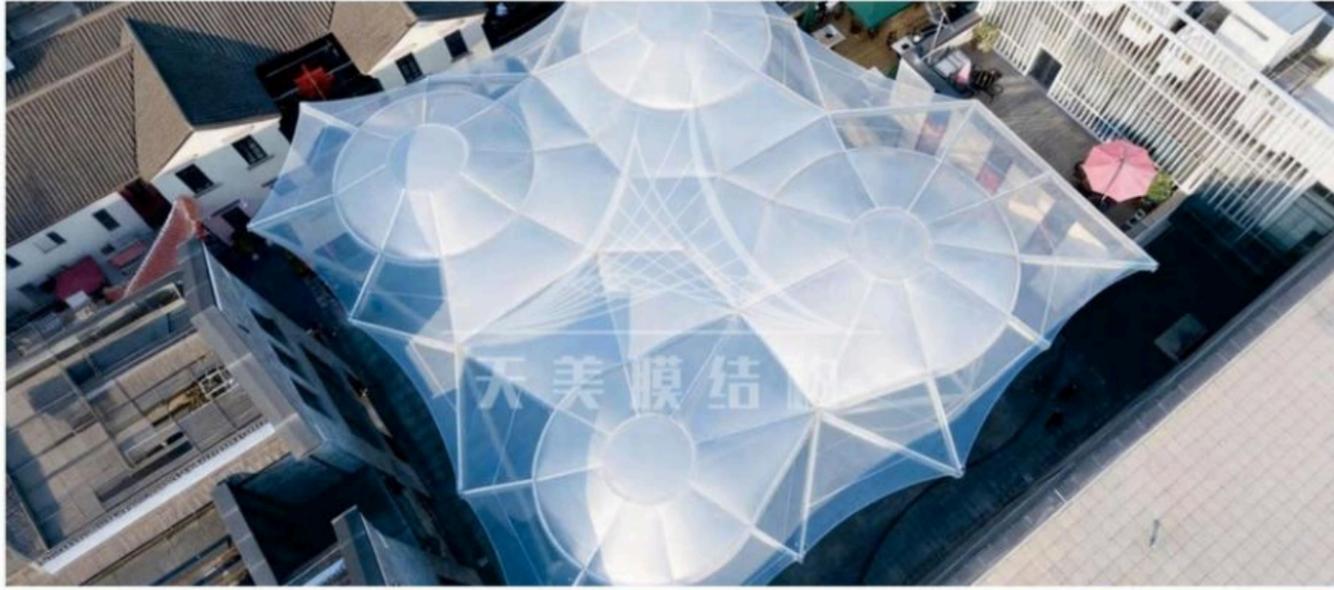
· Landscape Shading Membrane Structures (plazas, park landscape pavilions, leisure area shading)  
· 景观遮阳膜结构 (广场、公园景观亭、休闲区遮阳)

· Entrance Canopy Membrane Structures (shading decoration for shop and mall entrances)

· 门头膜结构遮阳 (商铺、商场入口遮阳装饰)









# Sports Venues

## 体育场馆类

### Characteristics:

Key features: Large-span spatial design that must provide spectators with shelter from sun and rain while meeting high visual aesthetic requirements.

特点：大跨度空间设计，需满足观众遮阳避雨及视觉效果需求。



· Stadium Shading Membrane Structures (main venue roof or peripheral shading)  
· 体育馆遮阳膜结构（主场馆屋顶或外围遮阳）



· Sports Stand Membrane Structures (open-air stand canopies)  
· 体育看台膜结构（露天看台顶棚）

· Stadium Shading Membrane Structures (main venue roof or peripheral shading)

· 体育馆遮阳膜结构 (主场馆屋顶或外围遮阳)



· Sports Stand Membrane Structures (open-air stand canopies)

· 体育看台膜结构 (露天看台顶棚)





# Leisure, Entertainment and Specialized Facilities

## 休闲娱乐与特种用途类

### Characteristics:

Characteristics: Must address specific site requirements (such as climate control, waterproofing, etc.).

特点：需结合特定环境需求（如恒温、防水等）。



· Climate-Controlled Pool Enclosures (Membrane structures with insulation and anti-fog features)

· 膜结构恒温泳池（泳池顶棚，具备保温防雾功能）



· Horticultural and Agricultural Greenhouses

· 动植物温室 / 种植园



· Membrane Solutions for Environmental Engineering (e.g., covers for sedimentation tanks, enclosed storage facilities)

· 环保工程膜结构（如污水池加盖、料场封闭）



· Mobile Performance Venues (e.g., membrane tents for circuses and touring shows)

· 移动表演场地(例如，用于马戏团和巡回演出的膜结构帐篷)

· Climate-Controlled Pool Enclosures (Membrane structures with insulation and anti-fog features)

· 膜结构恒温泳池 (泳池顶棚, 具备保温防雾功能)



· Horticultural and Agricultural Greenhouses

· 动植物温室 / 种植园



· Membrane Solutions for Environmental Engineering (e.g., covers for sedimentation tanks, enclosed storage facilities)

· 环保工程膜结构 (如污水池加盖、料场封闭)



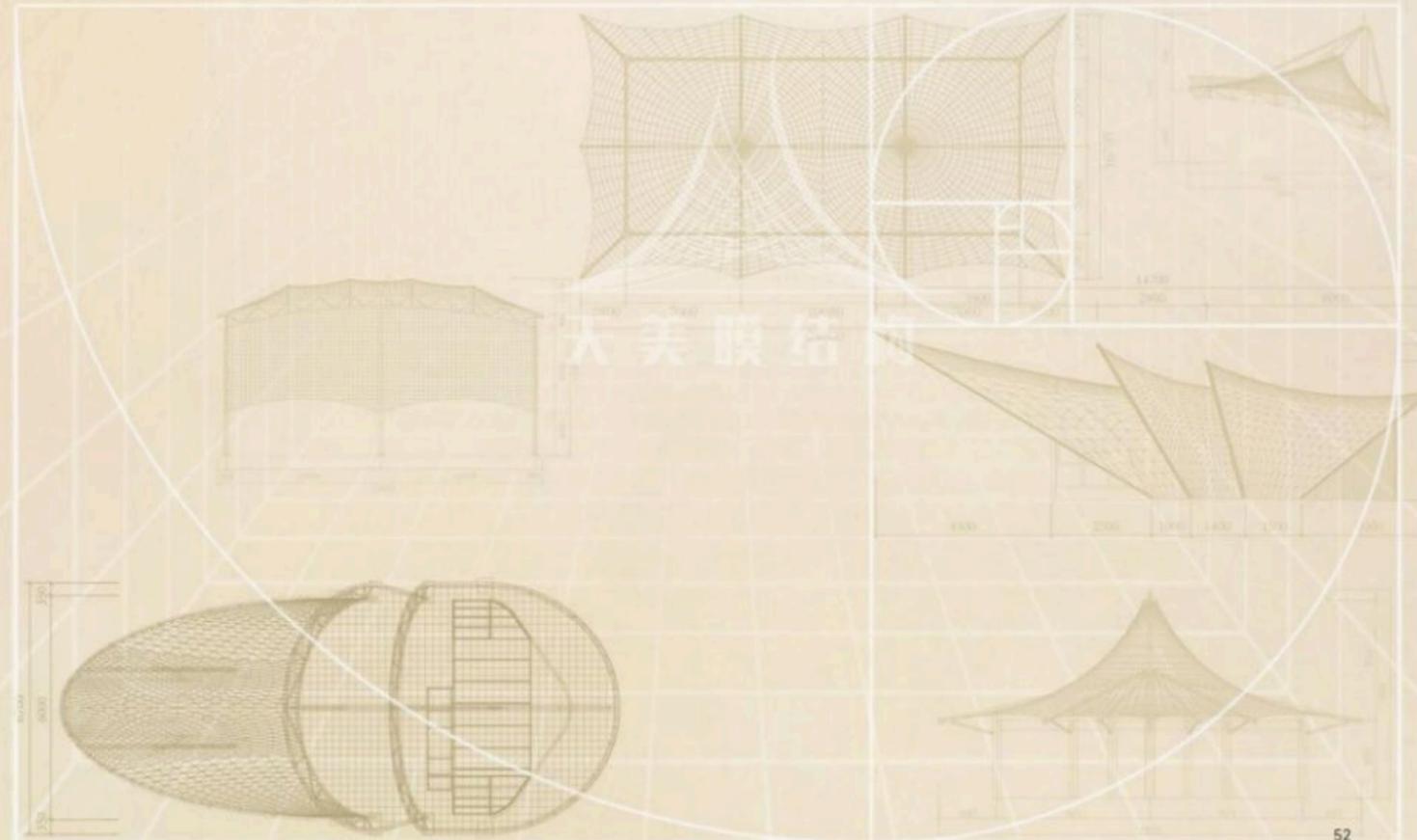
· Mobile Performance Venues (e.g., membrane tents for circuses and touring shows)

· 移动表演场地例如，用于马戏团和巡回演出的膜结构帐篷



# In-Depth Case Studies

案例深析





### Membrane Structure Hotel Project (Philippines)

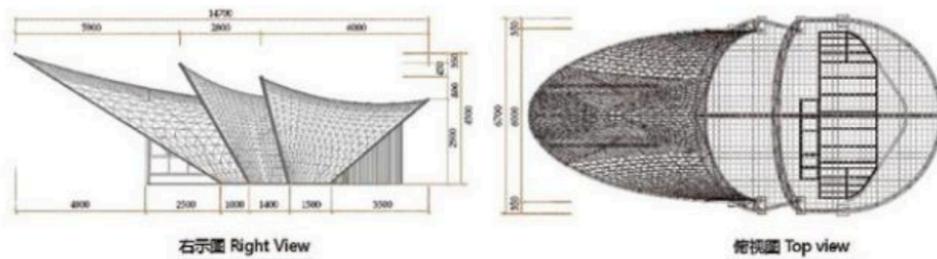
- Construction Area: 78.2 square meters
- Interior Area: 45.3 square meters
- Main Structure: Custom-shaped design using Q235 steel pipes (hot-dip galvanized)
- Membrane Specification: Ferrari (France) imported membrane, model 1202 S2, weight 1100g/m<sup>2</sup>, white PVDF architectural fabric with waterproof and fire-resistant properties, service life up to 20 years.
- Applicable Scenarios: Hotels, homestays, restaurants, commercial streets, etc.

#### 膜结构酒店项目 (菲律宾)

- 工程面积: 78.2 平方米
- 室内面积: 45.3 平方米
- 主体结构: 采用 Q235 型钢管 (热镀锌处理), 为定制款外形设计。
- 膜材规格: 法国法拉利进口膜材, 型号 1202 S2, 克重 1100g/m<sup>2</sup>, 白色 PVDF 建筑膜材, 具备防水防火性能, 使用寿命可达 20 年。
- 适用场景: 酒店、民宿、餐厅、商业街等。



### ● Dimensional Drawings 尺寸图



膜材可选颜色 Membrane colors are available



### Membrane Structure Hotel Project (Sanya, Hainan)

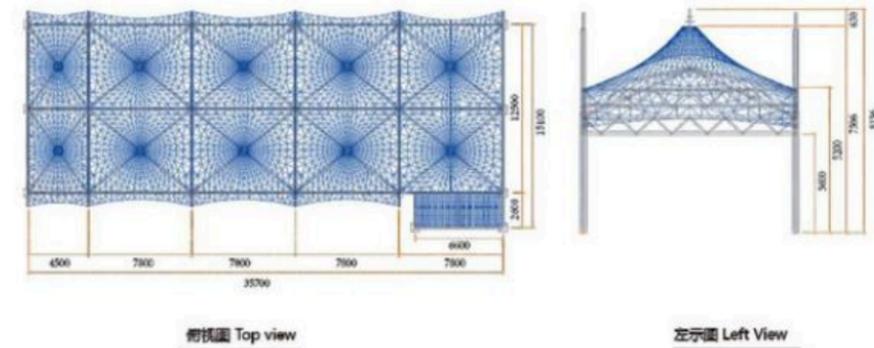
- Construction Area: 446 square meters
- Main Structure: Q235 steel pipes, designed with a continuous hood (barrel vault) shape .
- Membrane Specification: Duraskin (Germany) TYPE II (B6617) imported membrane, weight 1100g/m<sup>2</sup>, thickness 0.95mm, white PVDF architectural fabric with waterproof and fire-resistant (DB1 grade) properties .
- Applicable Scenarios: Sports stand shading, sports plazas, restaurants, stadiums, conference rooms, warehouses, etc.

#### 膜结构酒店项目 (海南三亚)

- 工程面积: 446 平方米
- 主体结构: Q235 型钢管, 连帽结构设计。
- 膜材规格: 德国杜肯 (Duraskin) TYPE II (B6617) 进口膜材, 克重 1100g/m<sup>2</sup>, 厚度 0.95mm, 白色 PVDF 建筑膜材, 具备防水、防火 (DB1级) 性能。
- 适用场景: 体育看台遮阳、体育广场、餐厅、球场、会议室、仓库等。



### ● Dimensional Drawings 尺寸图



膜材可选颜色 Membrane colors are available



### Membrane Structure Reception Hall Project (Maldives)

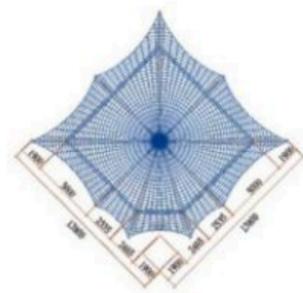
- Coverage Area: 159 square meters
- Main Structure: Single-arch canopy frame constructed from Q235 steel pipes, with curved supports formed by modified H-section steel.
- Membrane Specification: Sattler (Germany) S950 membrane, weight 1100g/m<sup>2</sup>, white PVDF architectural fabric with wicking resistance, acid/alkali resistance, and corrosion resistance; warranty period of 15 years.
- Applicable Scenarios: Reception halls, restaurants, landscape architecture, homestays, hotels, and other public and commercial spaces.



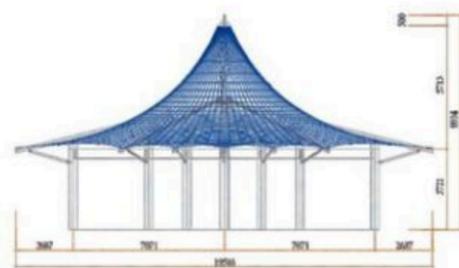
### 膜结构接待厅项目 (马尔代夫)

- 占地面积: 159平方米
- 主体结构: Q235型钢管构成单幅主体, 结合H型变异型钢打造圆弧支撑结构。
- 膜材规格: 德国赛德乐S950膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 具备抗芯吸、抗酸碱、防腐等特性, 质保期5年。
- 适用场景: 接待厅、餐厅、园林景观、民宿、酒店等公共与商业空间。

### Dimensional Drawings 尺寸图



俯视图 Top view



右视图 Right View

膜材可选颜色 Membrane colors are available



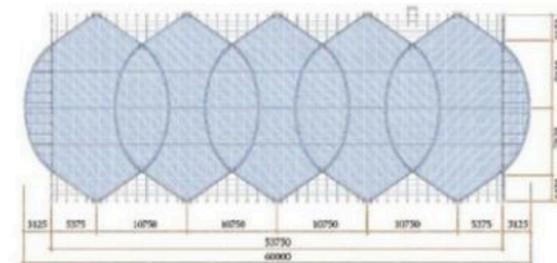
### Membrane Structure Museum Project (Republic of Malawi)

- Coverage Area: 1,320 square meters
- Main Structure: Custom-shaped framework using Q235 steel pipes, surface hot-dip galvanized .
- Membrane Specification: Ferrari (France) 1202 S2 membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric with waterproof and fire-resistant properties, service life up to 20 years .
- Applicable Scenarios: Sports plazas, commercial streets, event venues, and other public buildings and open spaces.

### 膜结构博物馆项目 (马拉维共和国)

- 占地面积: 1320平方米
- 主体结构: 采用Q235型钢管定制外形框架, 表面经热镀锌处理。
- 膜材规格: 法国法拉利 (Ferrari) 1202 S2型膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 具备防水防火性能, 设计寿命可达20年。
- 适用场景: 体育广场、商业街、活动场馆等公共建筑与开放空间。

### Dimensional Drawings 尺寸图



俯视图 Top view



左视图 Left View









### Membrane Structure Event Venue Project (Philippines)

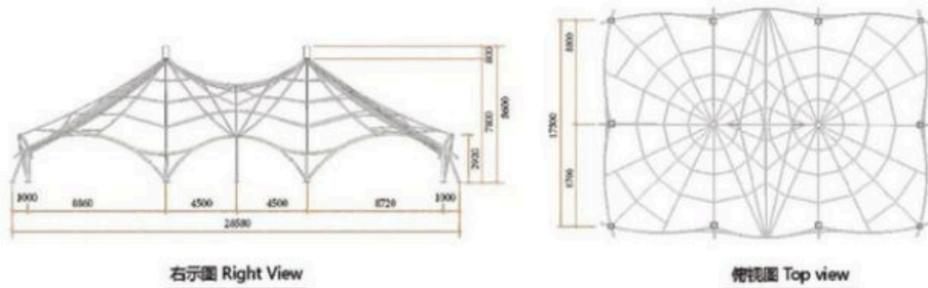
- Project Area: 486 square meters
- Main Structure: Double-arch main structure constructed from Q235 steel pipes with supporting framework of modified H-section steel, surface hot-dip galvanized.
- Membrane Specification: Ferrari (France) 1202 S2 membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric with waterproof and fire-resistant properties, service life up to 20 years.
- Applicable Scenarios: Sports plazas, residential community entrances/exits, commercial street entrance shading canopies.

#### 膜结构活动场项目 (菲律宾)

- 项目面积: 486平方米
- 主体结构: 采用Q235型钢管构成双拱主体, 结合H型变异型钢打造支撑结构, 表面经热镀锌处理。
- 膜材规格: 法国法拉利 (Ferrari) 1202 S2型膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 具备防水防火性能, 设计寿命可达20年。
- 适用场景: 体育广场、小区出入口、商业街等门头遮阳篷。



#### Dimensional Drawings 尺寸图



### Membrane Structure Grandstand Project (Nepal)

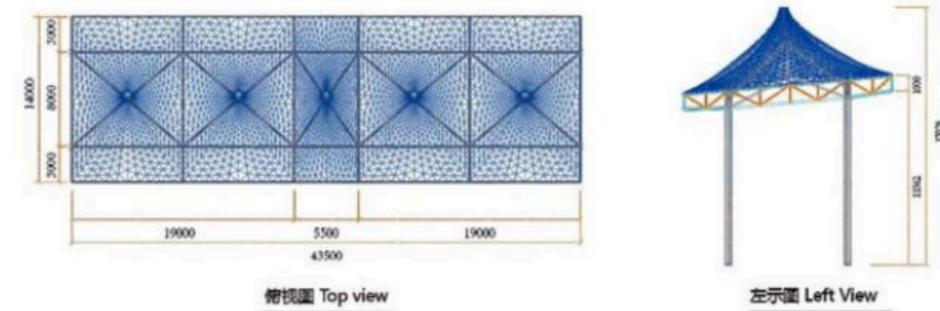
- Project Area: 609 square meters
- Main Structure: Single-arch main structure constructed from Q235 steel pipes, with supporting framework of modified H-section steel, surface hot-dip galvanized.
- Membrane Specification: Ferrari (France) 1202 S2 membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric with waterproof and fire-resistant properties, service life up to 20 years.
- Applicable Scenarios: Grandstand shading, sports plazas, and similar venues.

#### 膜结构看台项目 (尼泊尔)

- 项目面积: 609平方米
- 主体结构: 采用Q235型钢管构成单拱主体, 结合H型变异型钢打造支撑结构, 表面经热镀锌处理。
- 膜材规格: 法国法拉利 (Ferrari) 1202 S2型膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 具备防水防火性能, 设计寿命可达20年。
- 适用场景: 各类看台遮阳、体育广场等场所。



#### Dimensional Drawings 尺寸图





### Membrane Structure Grandstand Project (Zengcheng, Guangzhou)

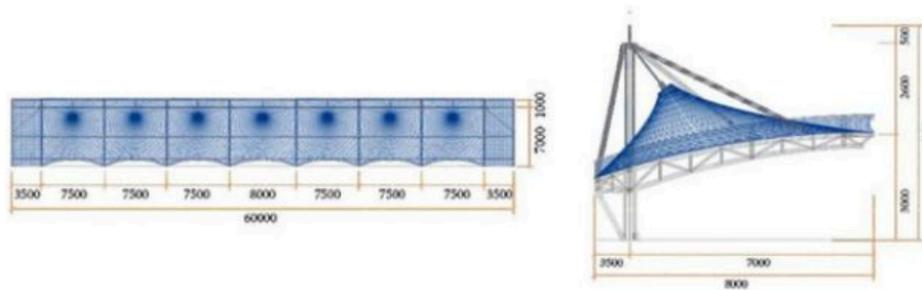
- Project Area: 480 square meters
- Main Structure: Continuous arch main structure constructed from Q235 steel pipes, with arched supporting framework of modified H-section steel.
- Membrane Specification: German imported membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric, thickness 0.95 mm, featuring waterproof and fire-resistant (DB1 grade) properties.
- Applicable Scenarios: Grandstand shading, sports plazas, residential community entrances/exits, commercial street entrance shading canopies.

#### 膜结构看台项目 (广州增城)

- 项目面积: 480平方米
- 主体结构: 采用Q235型钢管, 打造连帽主体结构, 结合H型变异型钢形成圆弧支撑框架。
- 膜材规格: 德国进口膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 厚度0.95mm, 具备防水、防火 (DB1级) 性能。
- 适用场景: 体育看台遮阳、体育广场、小区出入口、商业街等门头遮阳篷。



#### ● Dimensional Drawings 尺寸图



俯视图 Top View

右视图 Right View

膜材可选颜色 Membrane colors are available



### Membrane Structure Grandstand Project (Guangzhou, China)

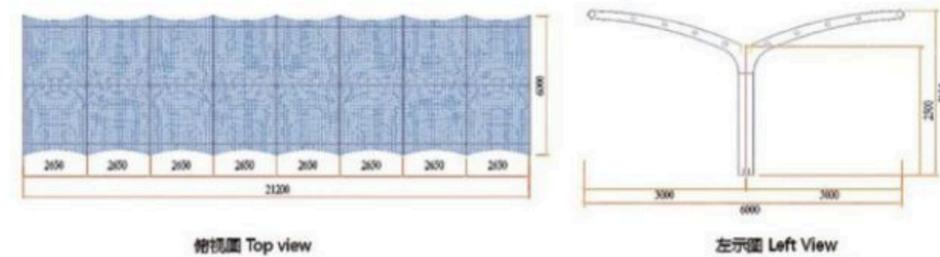
- Project Area: 480 square meters
- Main Structure: Continuous arch main structure constructed from Q235 steel pipes, with arched supporting framework of modified H-section steel.
- Membrane Specification: German imported membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric, thickness 0.95 mm, featuring waterproof and fire-resistant (DB1 grade) properties.
- Applicable Scenarios: Grandstand shading, sports plazas, residential community entrances/exits, commercial street entrance shading canopies.

#### 膜结构看台项目 (广州)

- 项目面积: 480平方米
- 主体结构: 采用Q235型钢管, 打造连帽主体结构, 结合H型变异型钢形成圆弧支撑框架。
- 膜材规格: 德国进口膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 厚度0.95mm, 具备防水、防火 (DB1级) 性能。
- 适用场景: 体育看台遮阳、体育广场、小区出入口、商业街等门头遮阳篷。



#### ● Dimensional Drawings 尺寸图



俯视图 Top view

左视图 Left View

膜材可选颜色 Membrane colors are available





### Membrane Structure Carport Project (Huangpu, Guangzhou)

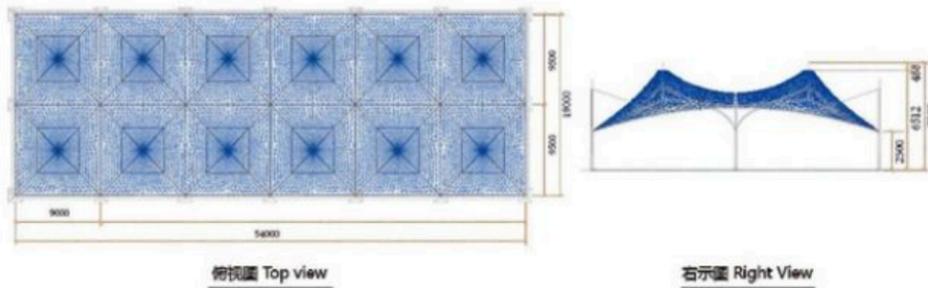
- Project Area: 1,026 square meters
- Main Structure: Arch-type main structure constructed from Q235 steel pipes, with supporting framework of modified H-section steel, surface hot-dip galvanized.
- Membrane Specification: Ferrari (France) 1202 S2 membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric with waterproof and fire-resistant properties, service life up to 20 years.
- Applicable Scenarios: Various grandstand shading, sports plazas, parking lots, and similar applications.

#### 膜结构车棚项目 (广州黄埔)

- 项目面积: 1026平方米
- 主体结构: 采用Q235型钢管构成帽型主体, 结合H型变异型钢作支撑结构, 表面经热镀锌处理。
- 膜材规格: 法国法拉利 (Ferrari) 1202 S2型膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 具备防水防火性能, 设计寿命可达20年。
- 适用场景: 各类看台遮阳、体育广场、停车场等场景。



#### ● Dimensional Drawings 尺寸图



膜材可选颜色 Membrane colors are available



### Carport Project (Single/Double Row) (Panyu District Procuratorate, Guangzhou)

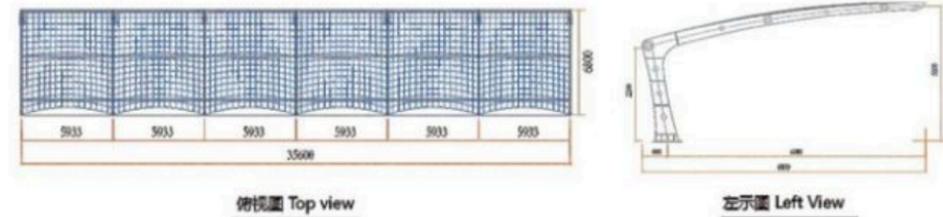
- Project Area: 726.2 square meters
- Main Structure: L-shaped steel frame system constructed from Q235 steel, surface treated with epoxy zinc-rich primer followed by topcoat paint.
- Membrane Specification: High-quality membrane, weight 1100 g/m<sup>2</sup>, white PVDF architectural fabric, thickness 0.95 mm, featuring waterproof and fire-resistant (DB1 grade) properties.
- Applicable Scenarios: Factory compounds, office park areas, schools, plazas, and other public or institutional premises.

#### 车棚项目 (单/双排) (广州番禺检察院)

- 项目面积: 726.2平方米
- 主体结构: 采用Q235型钢材, 七字形钢结构体系, 表面处理为先涂装环氧富锌底漆, 后施面漆。
- 膜材规格: 优质膜材, 克重1100g/m<sup>2</sup>, 白色PVDF建筑膜材, 厚度0.95mm, 具备防水、防火 (DB1级) 性能。
- 适用场景: 工厂园区、办公楼园区、学校、广场等公共及单位内部场所。



#### ● Dimensional Drawings 尺寸图



膜材可选颜色 Membrane colors are available

## Optional accessories

可选配件

### Optional Door Systems

门可选



Single door  
单开玻璃门



Double door  
玻璃双开门



Electric PVC Roller Shutter Door  
电动PVC卷帘门



Electric Steel Roller Shutter Door  
电动钢制卷帘门



Sliding Door  
推拉门



Fire-Rated Door  
防火安全门

### Optional Wall Systems

墙系统



ABS Wall Panel System  
ABS墙



Glass Wall  
玻璃墙



PVC Wall  
PVC墙



Rock Wool Sandwich Panel  
岩棉板



Sandwich Panel  
岩棉夹芯板

## Optional accessories

可选配件

### Other Accessories

其他配件



Floor  
地板



Air Conditioner (AC)  
空调



LED Light  
LED灯



Lining  
帷幔



Pagoda Lining  
尖顶帷幔



Carpet  
地毯

### Fixed and load-bearing accessories

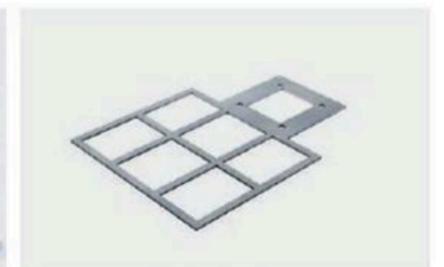
固定与承重配件



Steel Anchors  
钢钎



Steel Anchor puller  
起钉器



Base Plate  
承重盘



Ballast Frame  
承重铁架



Anchor Casting  
预埋件



Ballast Frame  
承重铁架