

Shenzhen Yexing Membrane Structural engineering Co., Ltd

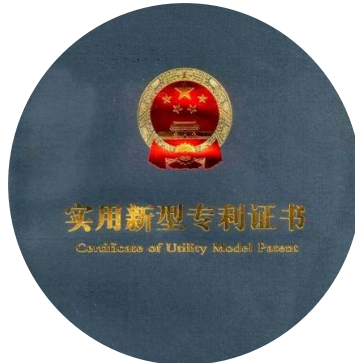
- 
- Talent oriented
 - Customer first
 - Outstanding advantages
 - Integrate resources



90+
Management
Team



400+
Projects
Cases



100+
Patented
Technology



10+
Double
Qualification



2
Modern
Factories



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- 01 Membrane structure introduction
 - 02 Ye Xing group introduction
 - 03 Project performance
 - 04 Ye Xing The quality
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烨兴集团
YE XING GROUP

01

Membrane Structure Introduction



1 What is membrane structure?

Membrane structure, also known as tensioned membrane structure, is the most representative architectural form in the 21st century. It breaks the model of pure linear architectural style, with its unique beautiful curved surface shape, the perfect combination of simplicity, clarity, rigidity and softness, strength and beauty, and at the same time provides architects with greater imagination and creative space.

2 Where are the membrane structures used?

Stadium, industry, business, landscape, transportation, landmark, individual...

3 How to choose a membrane structure company?

详见后续页面





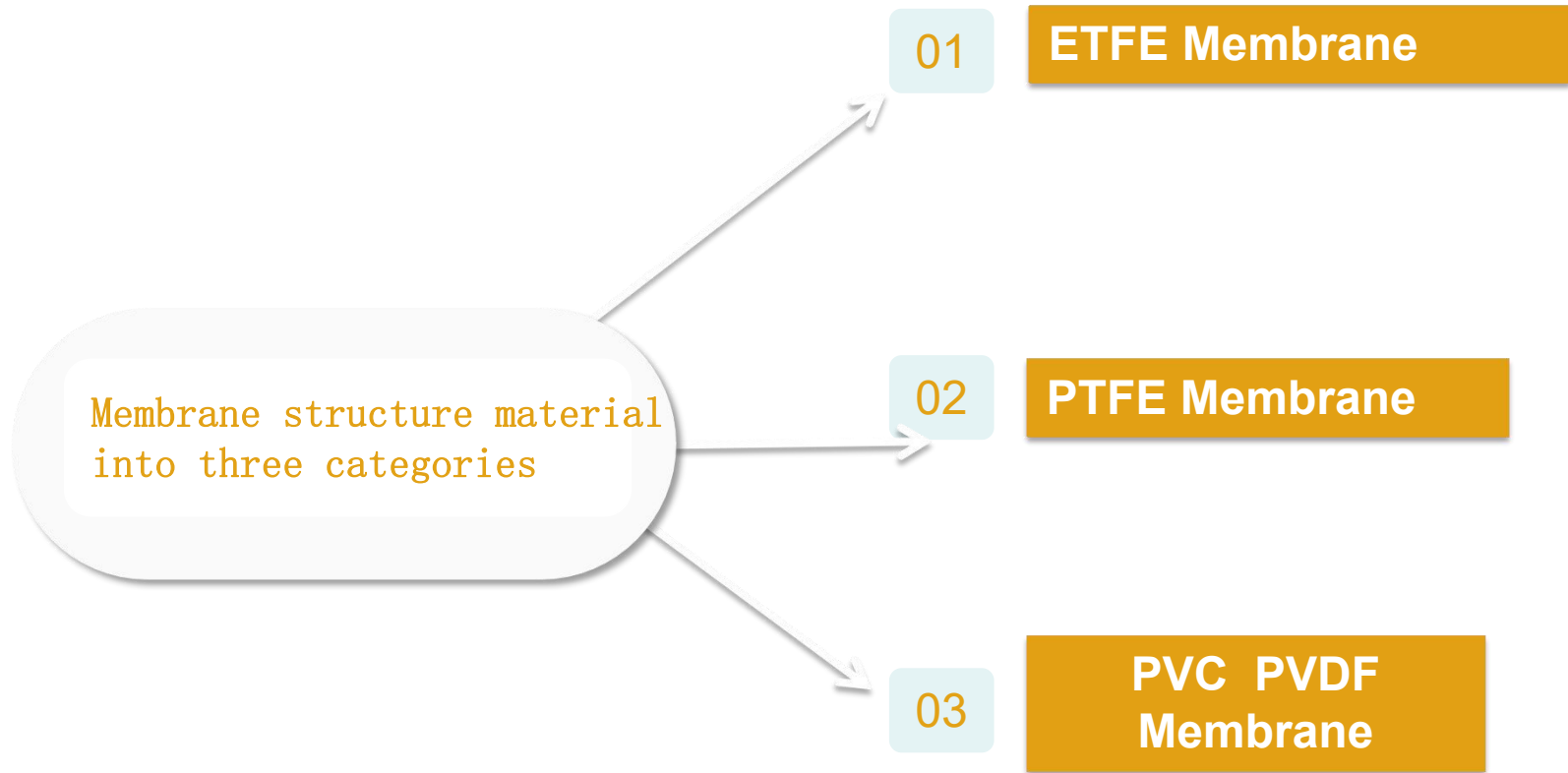
What is membrane structure?



Membrane structure is a structural system that combines architecture and structure. It uses high-strength flexible film materials and auxiliary structures to generate a certain pre-tensioning stress inside and form a certain spatial shape under stress control as a covering structure. or the main body of a building, and has sufficient rigidity to resist the action of external loads of a narrow type of structure.

Membrane structure is a new type of building structure developed in the middle of the 20th century. It breaks the model of pure linear architectural style. It is a refreshing feeling, and at the same time provides **architects** with a greater space for imagination and creation. Membrane structure has a strong sense of the times and representativeness. It is a multi-disciplinary cross-application project integrating **architecture, structural mechanics, fine chemical industry, material science**, computer technology, etc. It has high technical content and artistic appeal. It can be changed arbitrarily according to the architect's design needs. Combined with the overall environment, an iconic image project is built, with strong practicability and wide application fields. It can be applied to large-scale public facilities, such as roof systems of stadiums, airport halls, exhibition centers, shopping centers, parking lots, platform facilities, etc. It can also be used in leisure facilities, industrial facilities, entrance corridors, and iconic or landscape buildings, sketches, etc.





What is ETFE membrane structure?



水立方
WATER CUBE



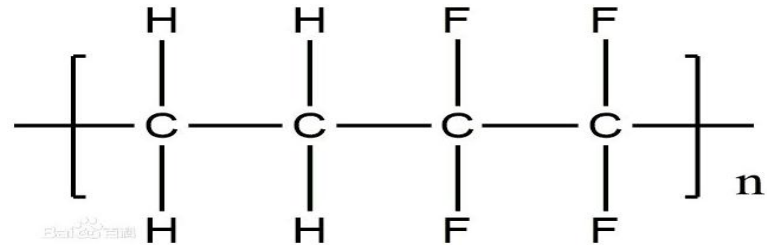
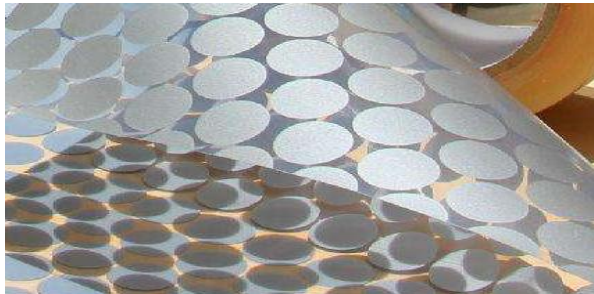
ETFE Membrane Material Introduction

ETFE membrane material

The composition is ethylene-tetrafluoroethylene copolymer, which is a transparent film material without fabric substrate, and its **elongation** rate can reach 420%~440%.

In recent years, the application of ETFE membrane can replace other products in many aspects, showing strong advantages and market prospects. This film material has particularly good light transmittance, so-called "soft glass", good toughness, high tensile strength, not easy to be torn, ductility greater than 400%; strong weather resistance and chemical corrosion resistance, melting temperature up to 200 °C; It can effectively use natural light and save energy. The self-cleaning function makes the surface less prone to contamination, and a small amount of contamination can be taken away by rainwater flushing. In addition, ETFE membranes can be prefabricated into thin-film bubbles on-the-fly for easy construction and maintenance. With the construction of large gymnasiums, tourist venues, waiting halls, etc., ETFE highlights its advantages.

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What is PTFE membrane structure?



Membrane structure of the main stadium of Chongzuo Sports Center

The Chongzuo Sports Center project is a major project constructed by Guangxi Zhuang Autonomous Region to welcome the 14th Guangxi Traditional Minority Sports Games in 2018.

The main stadium with membrane structure is a Grade B sports building, which can accommodate 38,000 people at the same time. The roof membrane structure of the main stadium covers an area of 56,000 square meters, all of which are made of white Dukan PTFE membrane materials imported from Germany. In order to ensure the consistency of the appearance of the stadium after completion, the PTFE materials used this time are all custom-made from the original German factory



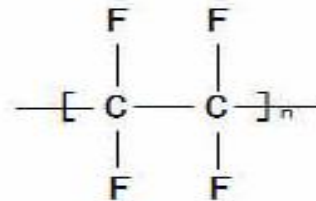
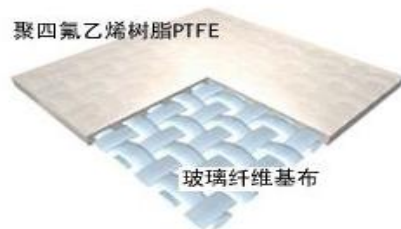
PTFE Membrane introduction

PTFE membrane is a material made of ultra-fine glass fiber fabric coated with polytetrafluoroethylene resin. The biggest feature of **PTFE membrane** is its high durability, fire resistance and antifouling; it is not easy to fold, and requires high precision in cutting and production. **PTFE projects** must have special tools and construction techniques. Its characteristics are as follows:

A. Durability: **The PTFE** of the coating material is very stable to chemicals such as acids and alkalis and ultraviolet rays, and is not prone to discoloration or cracking. Glass fiber will not cause strength deterioration or tension reduction after long-term use. The color of the film material is generally white, with high light transmittance and durability of more than 25 years.

B. Antifouling: Because the coating material is **PTFE resin**, the surface friction coefficient is low, so it is not easy to be polluted and can be washed by rainwater.

C. Fire resistance: **PTFE membrane** meets the characteristics of fireproof material test in nearly all countries, and can replace other roofing materials for the same purpose.



What is PVDF membrane structure?

Shanping Qianbei Flower Sea Stage

Shanping AAAA Scenic Spot Qianbei Flower Sea is a 4A ecological garden-style health resort scenic spot built in the southwest. The total development area is about 3,000 mu, and the total area for flowers is 1,500 mu. It is 4.5 kilometers away from Tongzi County, and the traffic is very convenient. Also known as Shanping Flower Sea, it is one of the few four-season flower seas in Guizhou Province and the largest flower sea in Zunyi. Huahai covers an area of more than 1,500 mu. The types of flowers are all those that like sunshine, have a long flowering period, and are heat- and drought-tolerant.

Cherry blossoms, lavenders, sunflowers, cosmos, lilies, crape myrtle, verbena and other flower species are equipped with ornamental and entertainment items such as forest gardens, crape myrtle love promenade, colorful grass slide playground, etc.

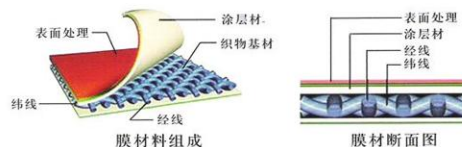


PVC film material: PVC film material is made of polyester fiber fabric and PVC coating (polyvinyl chloride). Generally, the film material used in construction is coated with a thickness of several microns on the surface treatment of the PVC coating material. Acrylic for improved stain resistance. Advantages of PVC membrane material: cheap material and processing cost, soft material, easy construction, various shapes.

Disadvantages of PVC film: poor in self-cleaning, strength, durability, fire resistance and other properties.

PVDF membrane material: It is a kind of film material with good strength and flexibility. It is made of fibers woven into a fabric base material, and the two sides of the base material are processed and fixed with resin as a coating material. The central fabric base material is divided into polyester fiber and glass fiber, the material coated with PVDF resin on the surface of PVC membrane is called PVDF membrane. Compared with ordinary PVC membranes, PVDF membranes have improved durability to about 7 to 10 years. Mechanically, the fabric substrate and the coating material have functional properties that affect the following, respectively.

Fabric Substrates - Tensile Strength, Tear Strength, Heat Resistance, Durability, Fire Resistance. Coating material - weather resistance, antifouling, processability, water resistance, product resistance, light transmission.



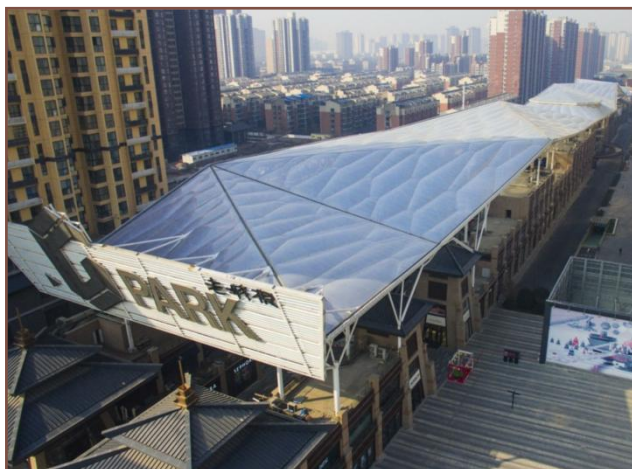


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01-1

Membrane structure Application Range





01-2

Membrane Structure Characteristics





Freer architectural form shaping

The ever-changing support structure and flexible membrane materials make the building more diverse, novel and beautiful, while reflecting the beauty of the structure. With rich colors, it can create a more free architectural form and a richer architectural language.



Better economic benefits

The weight of membrane building roofs is only 1/30 of that of conventional steel roofs, which reduces the cost of walls and foundations. At the same time, the unique shape and nightscape effect of membrane architecture have obvious "architectural recognition" and commercial effects, with higher cost-effectiveness ratio. The membrane material has good self-cleaning performance, long maintenance cycle, and convenient cleaning.



Shorter construction period

In the construction of membrane building projects, all processing and production can be completed in the factory, and only installation operations are carried out on site. The construction cycle is twice as fast as traditional buildings.





Lower energy consumption

The membrane material has high reflectivity and low light absorption, as well as low thermal conductivity, which greatly prevents solar energy from entering the room. In addition, the semi transparency of the membrane material ensures appropriate natural diffuse light entering the room.



Larger span building space

Due to its lightweight, membrane buildings can cover a large span of space without the need for internal support, allowing people to design and use building spaces more flexibly and creatively.



Higher security

The membrane material is a non self igniting material that does not self ignite. It immediately extinguishes after leaving the ignition source, does not drip, and will not shatter due to self explosion, resulting in higher safety.





02 Yexing Group Introduction



**Shenzhen YeXing Membrane Structure Co., Ltd.
(hereinafter referred to as YeXing))**

YeXing was founded in 2008, headquartered in Shenzhen, with a registered capital of 50 million RMB and nearly 100 management personnel. YeXing is a professional membrane structure engineering service provider, which integrates design, production, construction and installation. Since the establishment, Yexing has provided professional and sustainable services to nearly one thousand customers all over the world. Our business scope covers many professional fields such as large-scale municipal sports construction, transportation hubs, commercial real estate, etc.. And we also maintain a leading position in the various special fields of membrane structure ETFE\ PTFE and PVDF, we also have won a number of awards and honorary titles such as "Honoring Contracts and Keeping Promises".

For more than nineteen years, our company have taken "Building an excellent living space for human beings" as our mission, adhering to the concept of "Because of Concentration, So Professional; Because of Pragmatism, So Efficient; Because of Integrity, So Keeping long-term" concept, adhering spirit of "Quality is the foundation, Art is the pursuit" continuously creating value for customers. Looking forward to the future, we will maintain a responsible attitude towards the society, industry, enterprise, and employees, and keeping unremitting pursuit, innovation, and sustainable development to enhance the global market competitiveness of China's membrane structures, and making the world fall in love with Made in China.



烨兴发展历程

• 2000

进入钢构金属屋面幕墙空间建筑行业。

• 2004

组建膜结构施工队，专注膜结构专业设计，技术研发和安装施工。

• 2008

成立烨兴公司，同年承建马来西亚历史博物馆，与高标准国际工程对标。

• 2009

荣获中国膜结构设计和建筑双一级企业资质，同年建造叙利亚大马士革大学体育看台。

• 2013

设立贵州办事处，同年建造柳州九洲国际停机坪钢结构平台。

• 2012

设立广西办事处，同年建造北海起亚4S店钢结构幕墙项目。

• 2011

成立香港烨兴集团，同年建造六钦高速全线收费站膜结构工程。

• 2010

承建埃及沙姆沙叶赫商业中心屋面工程。

• 2014

完成贵阳飞机坝ETFE气枕膜等44个工程项目，提升ETFE设计安装技术水平。

• 2015

承建江西省运会主场馆昌南体育中心膜结构工程等。

• 2016

完成西宁唐道ETFE商业街项目和连云港科普生态园ETFE项目，烨兴膜结构在建筑艺术美学和高难度施工技术取得新的突破。

• 2017

承建港珠澳大桥膜结构工程，同年获得幕墙和装修二级资质企业，建造云浮六祖禅宗圣域膜结构工程，烨兴的技术实力得到进一步认可与验证。

• 2021

承建亚洲杯足球比赛场地青岛青春足球赛事中心项目、广州铁路枢纽白云站膜结构项目、淮北市气象塔膜结构项目、英吉沙鲁疆达瓦孜非遗演艺中心场馆项目、佳兆业国际乐园海洋馆膜结构项目、华彩海口湾广场膜结构项目、贵州安顺冷库膜结构厂房项目、黄山天山迷窟ETFE膜结构项目……

• 2020

承建上海浦东足球场屋体内膜项目、乐山奥体中心膜结构工程、京山国际网球赛事中心膜结构工程、深圳湾口岸配套查验设施完善工程……

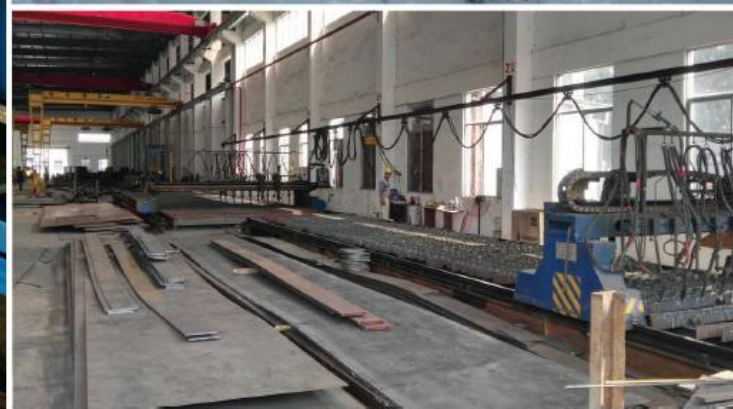
• 2019

承建东莞市民中心屋面改造ETFE项目、广西省重点项目贵港高铁站ETFE膜结构，烨兴已经成为大型市政工程，体育工程，交通工程，商业工程，景观工程的膜结构行业领先级专业服务商。

• 2018

完成了广西区运会主场馆崇左体育中心膜结构工程，并获得内防漏ETFE膜材密封连接结构等五项建筑设计专利。





工厂展示 Our factory

焊兴膜结构厂家采用先进的设备，优质的焊接。

保证产品质量,去除工件表面的污物、锈、氧化皮、焊接熔粒、焊接氧化层、及对喷涂表面的粗化处理，满足产品质量、安全使用及钢构件的要求。

涂表面的粗化处理，满足产品质量、安全使用及钢构件的要求。

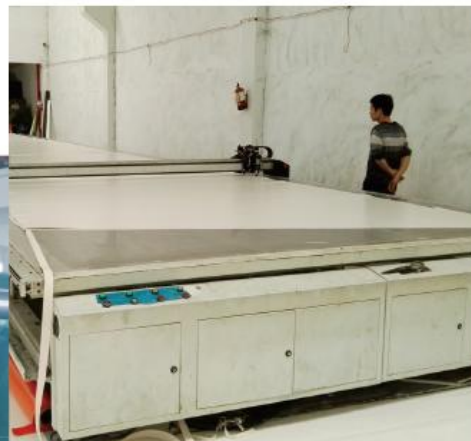
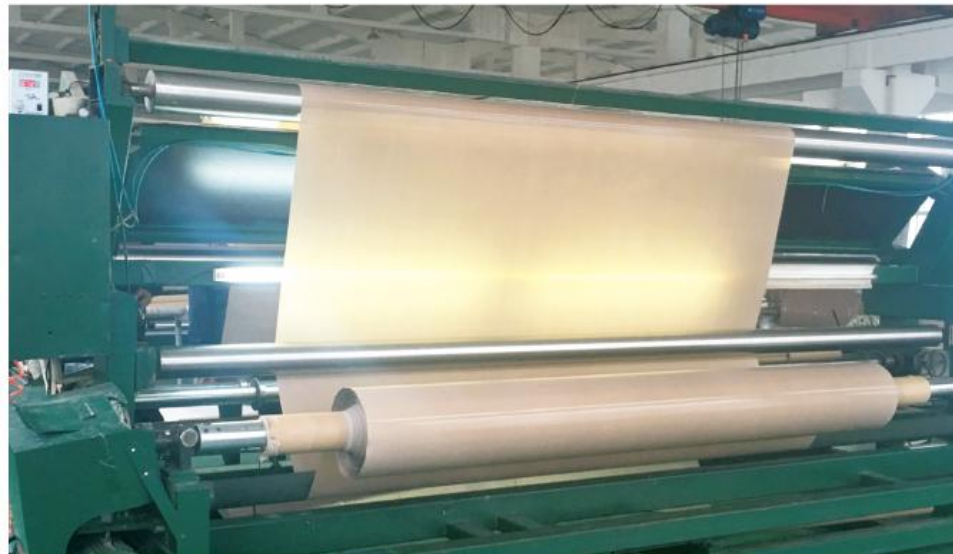
焊兴ETFE专项是唯一获得行业巨头德国泰克斯隆技术支持的厂家，拥有自主研发的自动化焊接技术，全球最大的ETFE膜材焊接设备，专业、高效的膜材加工能力是焊兴建设完美工程的重要保障。



PTFE工厂

PTFE Factory

烨兴的PTFE膜结构加工工厂拥有全套的自动化膜材检测、裁剪及焊接设备，每一卷膜材在加工使用之前都要经过严格的检测工序，剔除瑕疵，加上精确的裁剪及优质的焊接技术，能极大地提高膜材的使用寿命。



PTFE工厂 PTFE Factory

烨兴的PTFE膜结构加工工厂拥有全套的自动化膜材检测、裁剪及焊接设备，每一卷膜材在加工使用之前都要经过严格的检测工序，剔除瑕疵，加上精确的裁剪及优质的焊接技术，能极大地提高膜材的使用寿命。



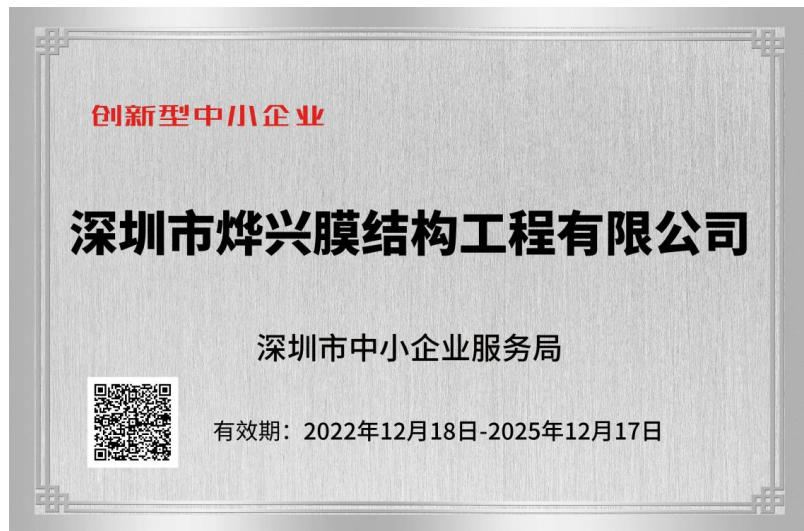
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Yexing Group Honor





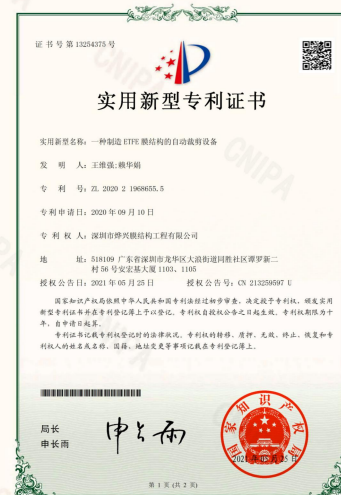
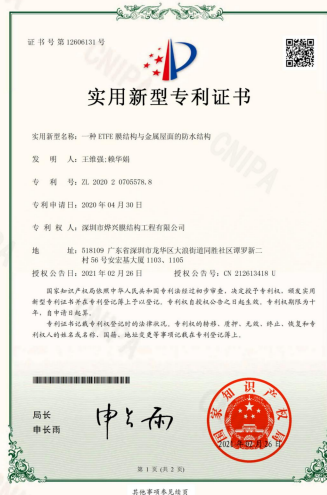
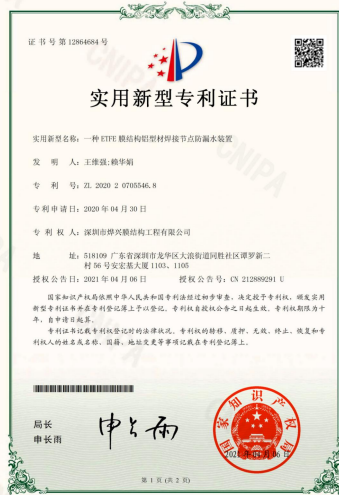
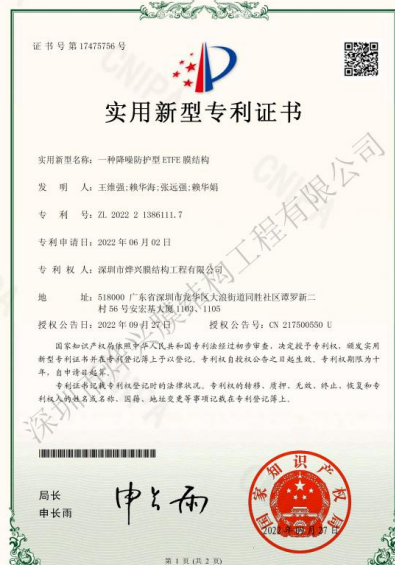




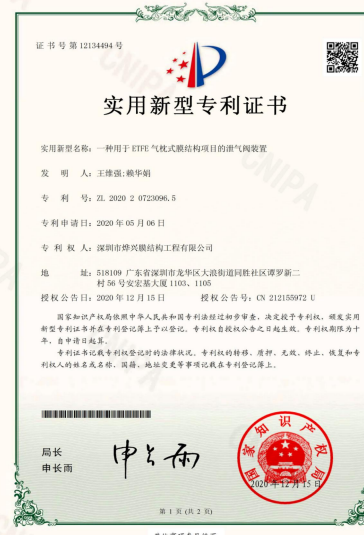
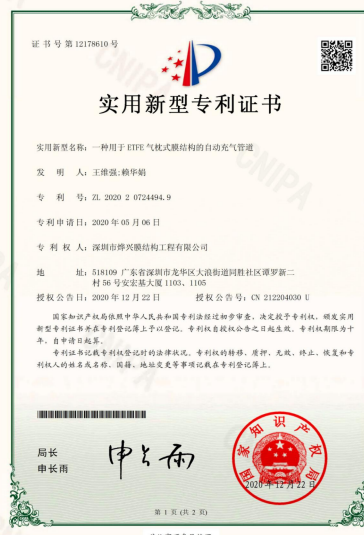




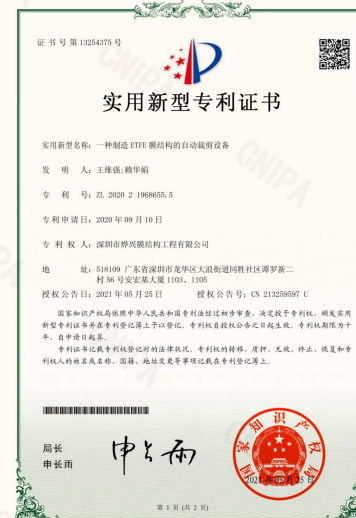
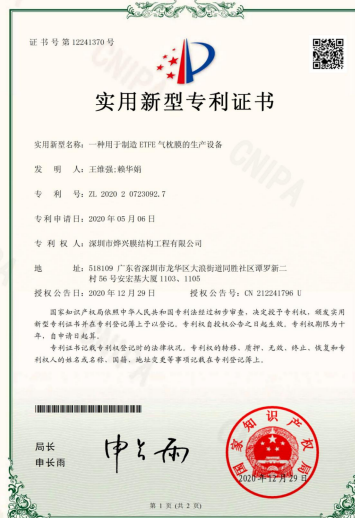
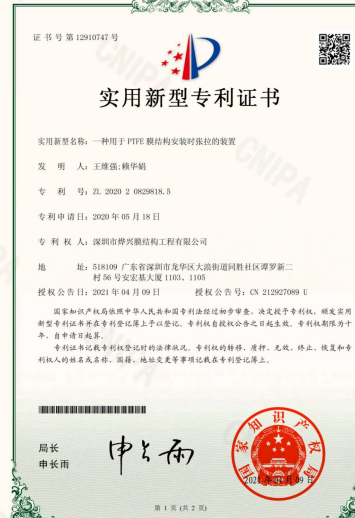
烨兴部分专利展示1



烨兴部分专利展示2



烨兴部分专利展示3



烨兴部分软著展示



Yexing Vison



Endow architecture with technology and beauty

**To be the most competitive membrane structure building
brand in the world**



Yexing Mission



Building a good living space for
human beings



Yexing's philosophy of serving customers



Because of Focus, So Professional



**Because of Efficient, So
Pragmatism**



Because of Integrity, So Timeproof



Yexing Slogan



**Yexing made intelligently, only for
extraordinary architectural dreams**





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03

Partital Project Performance





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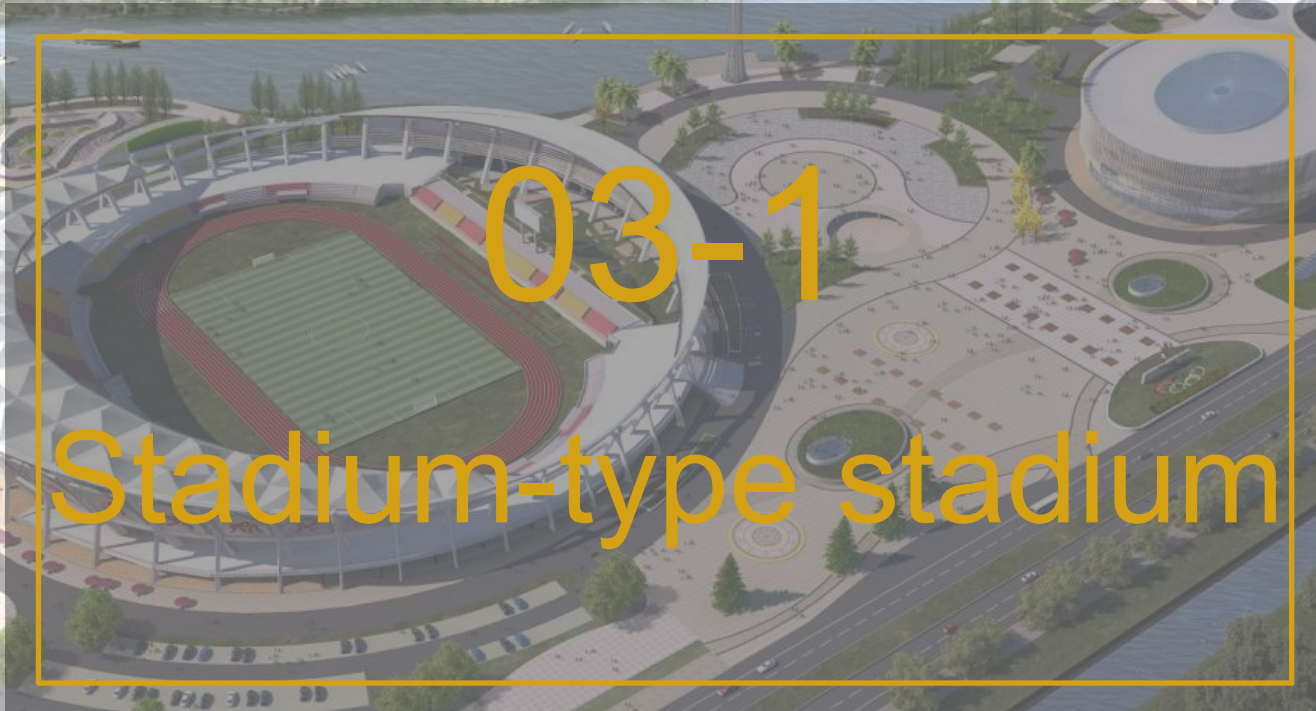
膜结构篇

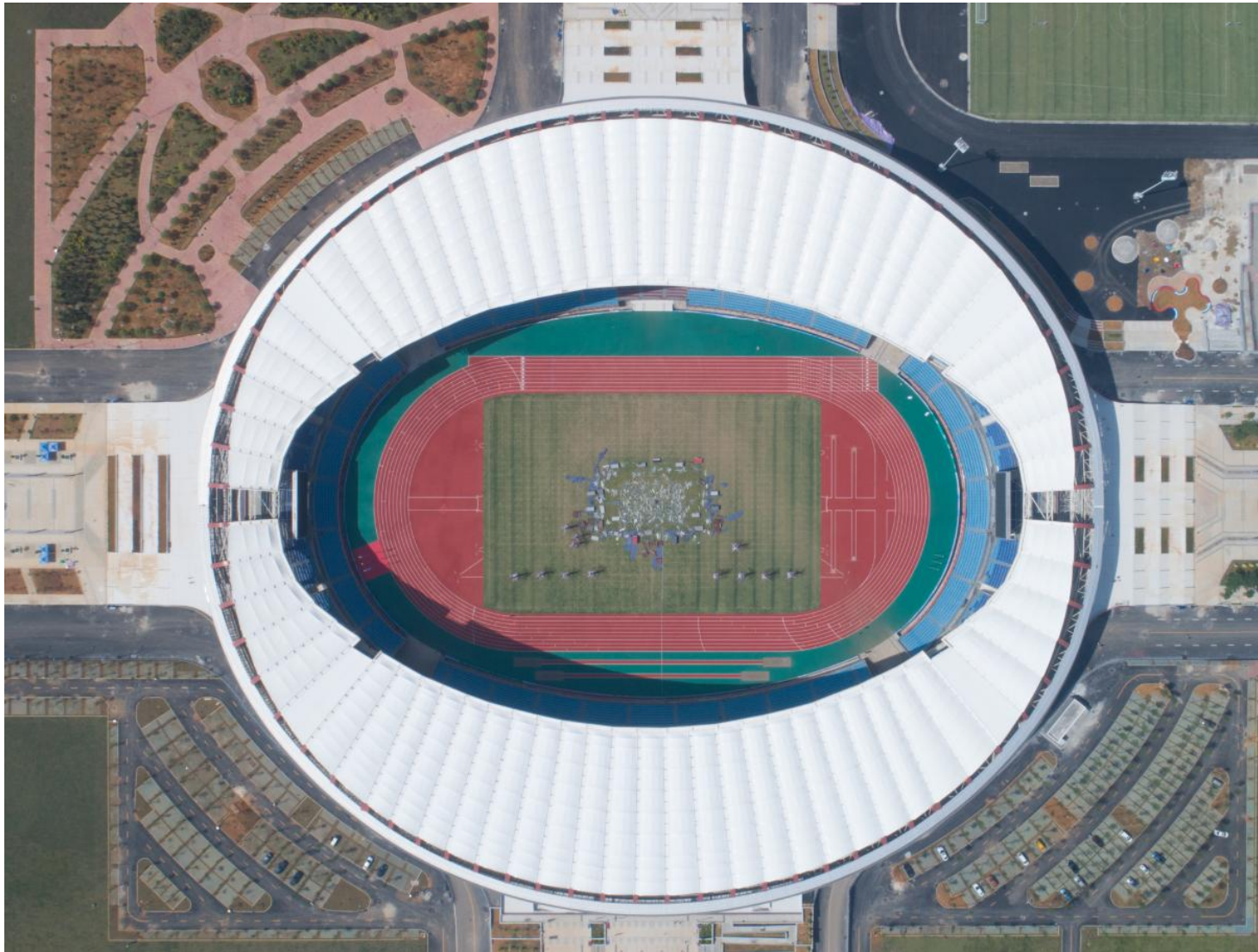
Membrane Structure





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Chongzuo Sports Center project is a major project built by Guangxi Zhuang Autonomous Region to welcome the 14th Guangxi Traditional Minority Sports Games in 2018. The membrane structure of the main stadium is a Class B sports building, can accommodate 38,000 people at the same time, set up 400M standard track, standard football field, standard field, practice field, etc. The membrane structure of the main stadium is 56,000 square meters, all of which are white Duquesne PTFE membrane materials imported from Germany. In order to ensure the consistency of the appearance of the stadium after completion, the PTFE material used this time is specially customized from the original factory in Germany, which is the same model and the same batch of high-quality film material, which can keep white and beautiful for a long time, and the warranty is 25 years.

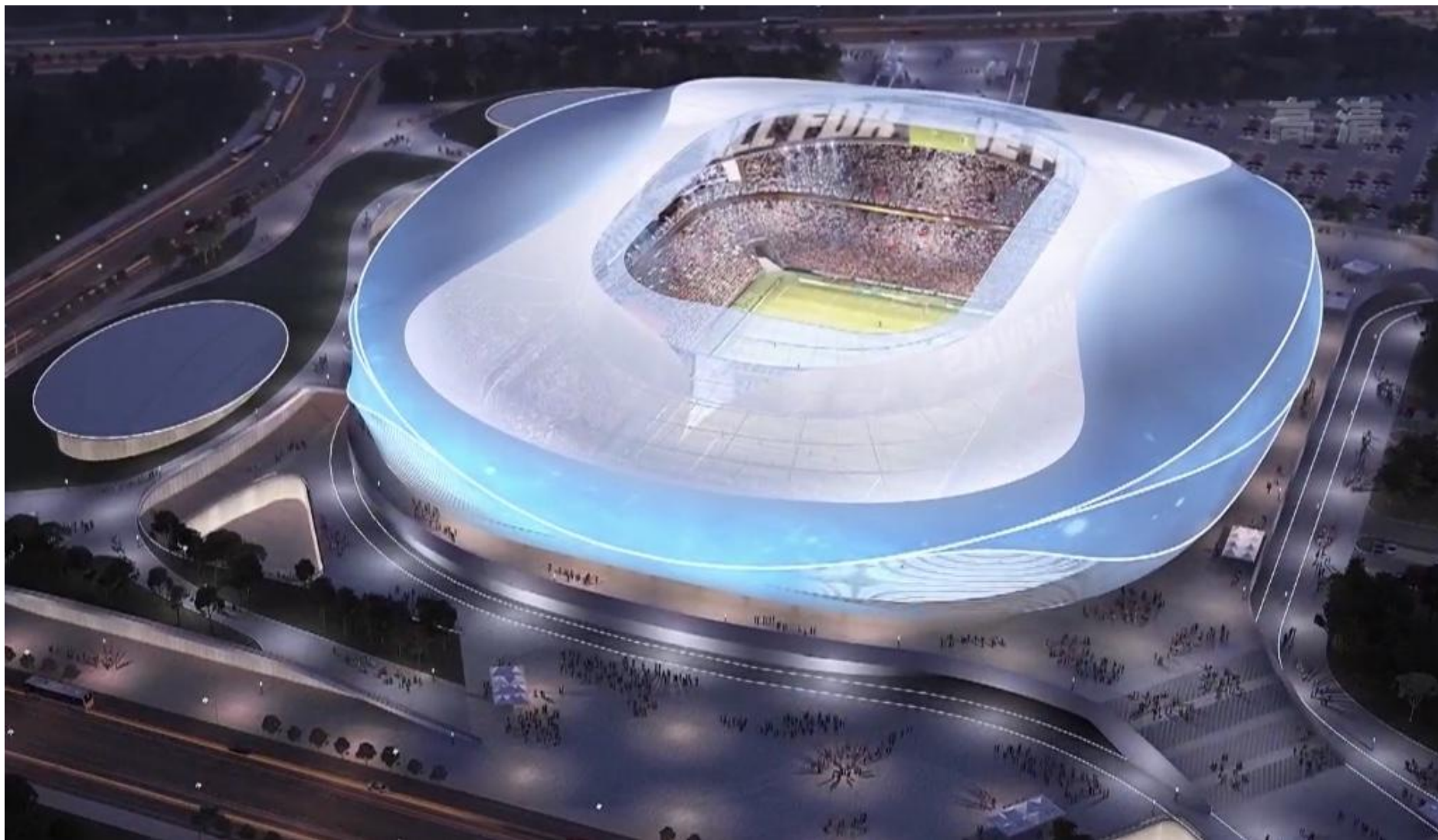


With a total investment of about 1.8 billion yuan, it is located in Xianghu New Town, covering an area of about 400 mu. It is composed of three main buildings: the main stadium (28,000 seats), the natatorium and the youth activity center. The total construction area of the project is about 106,000 square meters. Changnan Sports Center stadium frame support height of 47 meters, the overall shape of the arc, the total amount of steel frame 17,000 tons, the stadium membrane structure is permanent

The center of major sports events and the national fitness venue in Changnan City, both hold large-scale cultural performances, celebrations and gatherings, set exhibition hall, catering, entertainment and other functions in one.



Qingdao Asian Cup Football Stadium





烨兴集团
YE XING GROUP

Qingdao youth football stadium completed photo





Yunfu Lotus Membrane Structure Stage Theater Yunfu Lotus PTFE Membrane Structure Stage Theater is the core project of the "Zen Domain Town", a 5A-level scenic spot in Xinxing County, Guangdong Province. In order to express the legendary life of the sixth patriarch, Huineng, enlightenment and propaganda, the stage is designed as a giant white lotus platform with petals. , the dome, the inner surface, etc. are all made of membrane structure materials. The lotus platform can be rotated 360 degrees freely, and the petals can be freely controlled to open and close. The total membrane structure project of the whole project is 15,280 square meters. It is the first domestic performance stage and auditorium to be perfectly integrated Large-scale membrane structure real stage.



Shanghai Pudong Football Stadium



Positioned as a professional football field that can meet the requirements of FIFA international A-level matches. The fixed seating capacity of the stadium is 33765, of which the total seating capacity of the first floor stands (including private outdoor stands) is 19229,

Pudong Football Stadium is used as the main venue for Shanghai Shanggang (SIPGFC).

Pudong Football Stadium is the first high-level professional football stadium newly designed in strict accordance with the standards of FIFA and the requirements of the domestic league. The project has created multiple domestic firsts: The first one to use a spoke-type tensioned cable-membrane combined cable-membrane structure+ Football field with metal roof system;The first professional football field with 1 main and 2 auxiliary;The first professional football stadium to use the infield as a safe area to accommodate the evacuation of spectators.

●○ HUAWEI Mate 20 Pro
○○ LEICA TRIPLE CAMERA | AI

Leshan Olympic Center

- Steel structural members have large spans and high installation accuracy requirements
- Adopt flexible suspension cable structure system
- The height difference between the high point and the low point of the large roof
- Belongs to a new structural system
- The construction process is complicated





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Leshan Olympic Center





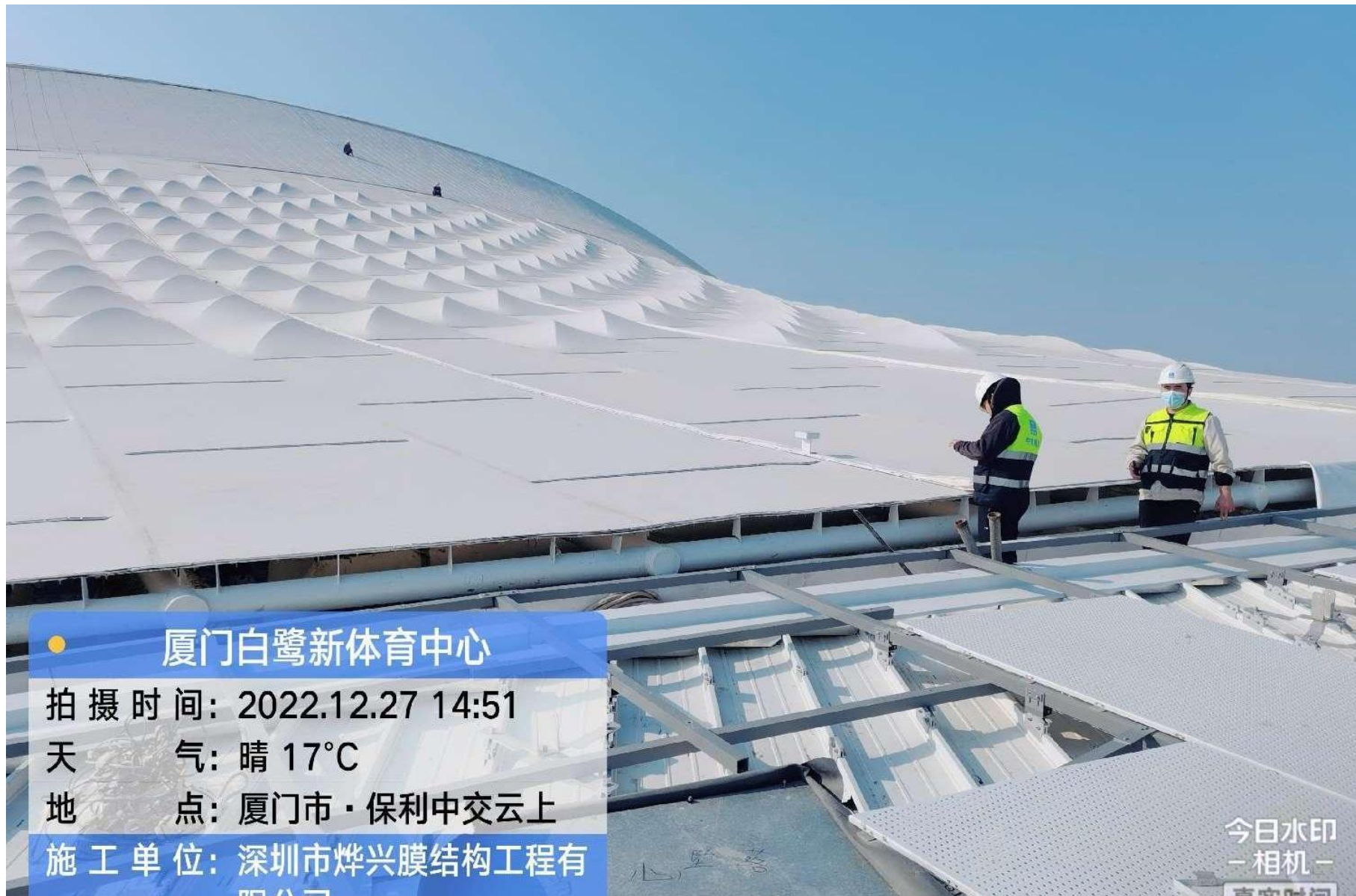
烨兴集团
YE XING GROUP

Leshan Olympic Center



Xiamen new stadium project is under construction





● 厦门白鹭新体育中心

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天气: 晴 17°C

地点: 厦门市·保利中交云上

施工单位: 深圳市烨兴膜结构工程有

限公司

今日水印
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真实时间



● 厦门白鹭新体育中心

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天气: 多云 17°C

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施工单位: 深圳市烨兴膜结构工程有限公司

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烨兴集团
YE XING GROUP

Ethiopia Awase Stadium



Ethiopia Awase Stadium





烨兴集团
YE XING GROUP

Xinjiang Dawazi Performance Center





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Xinjiang Dawazi Performance Center



Guangzhou Baiyun High Speed Railway Station Membrane Structure Project

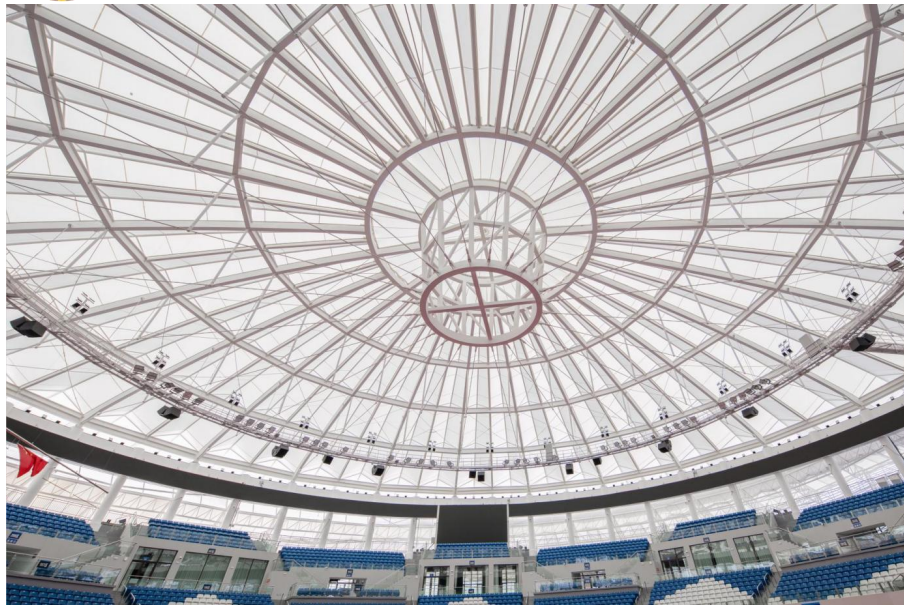


Guangzhou Baiyun High Speed Railway Station Membrane Structure Project





Hubei Jingshan International Tennis Center





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Huaibei Tower Membrane Structure Curtain Wall Project Steel Structure Construction



鸟瞰图

Huaibei Tower Membrane Structure Curtain Wall Project Steel Structure Construction



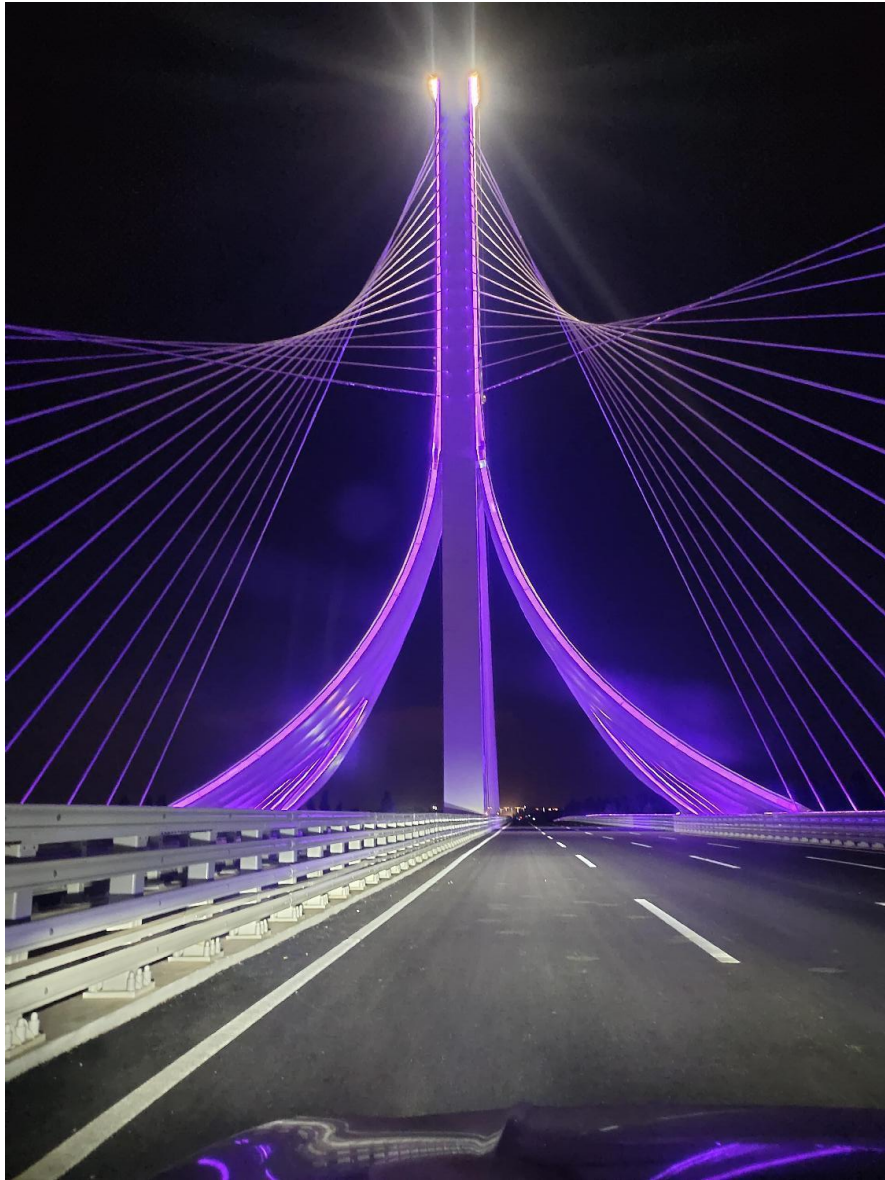


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Langfang Linkongte Bridge



Langfang Linkongte Bridge



Double Hall Project of the Sanya Yasha Sports Meeting is under construction



Double-Hall Project of the Sanya Yasha Sport Meeting is under construction





03-2 Partial ETFE membrane structure





Lianyungang Science Exhibition Hall is the first large-scale ecological greenhouse project built with ETFE three-layer air pillow film system in China. It is the "Eden" of the East. The first phase of the membrane structure covers an area of 15,416 square meters. The main body adopts a large-scale pipe truss structure. The maximum span of a single greenhouse is 78 meters and the height is 29 meters. All imported ETFE membrane materials are used.





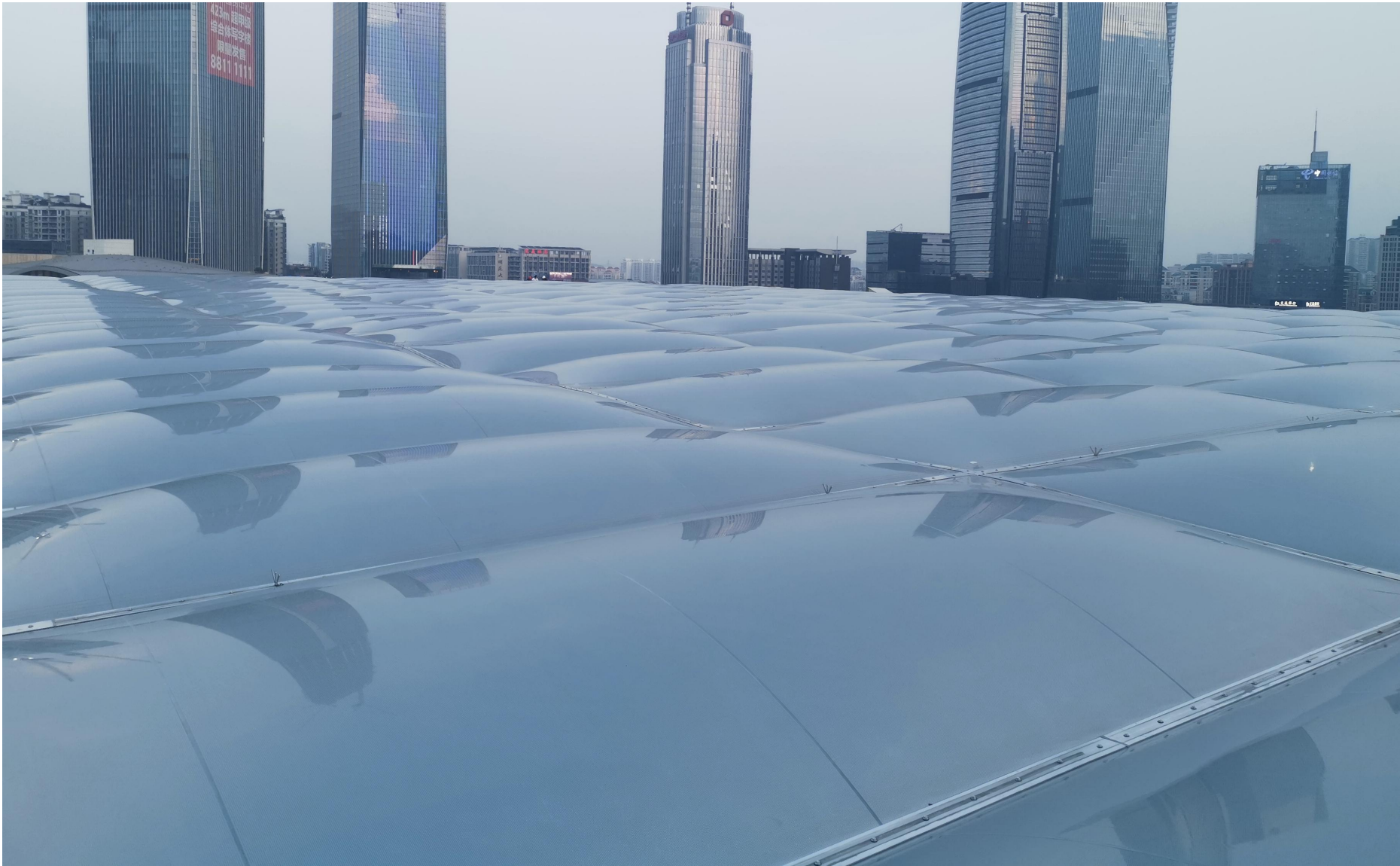
烨兴集团
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Lianyungang Science Exhibition Center indoor Show



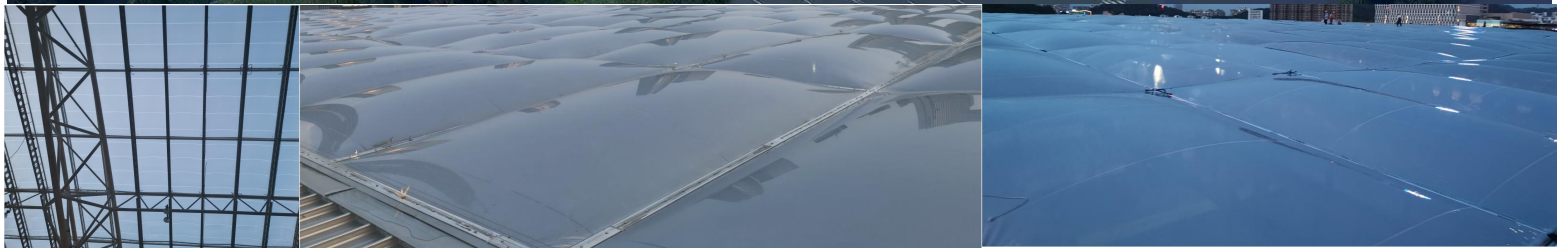


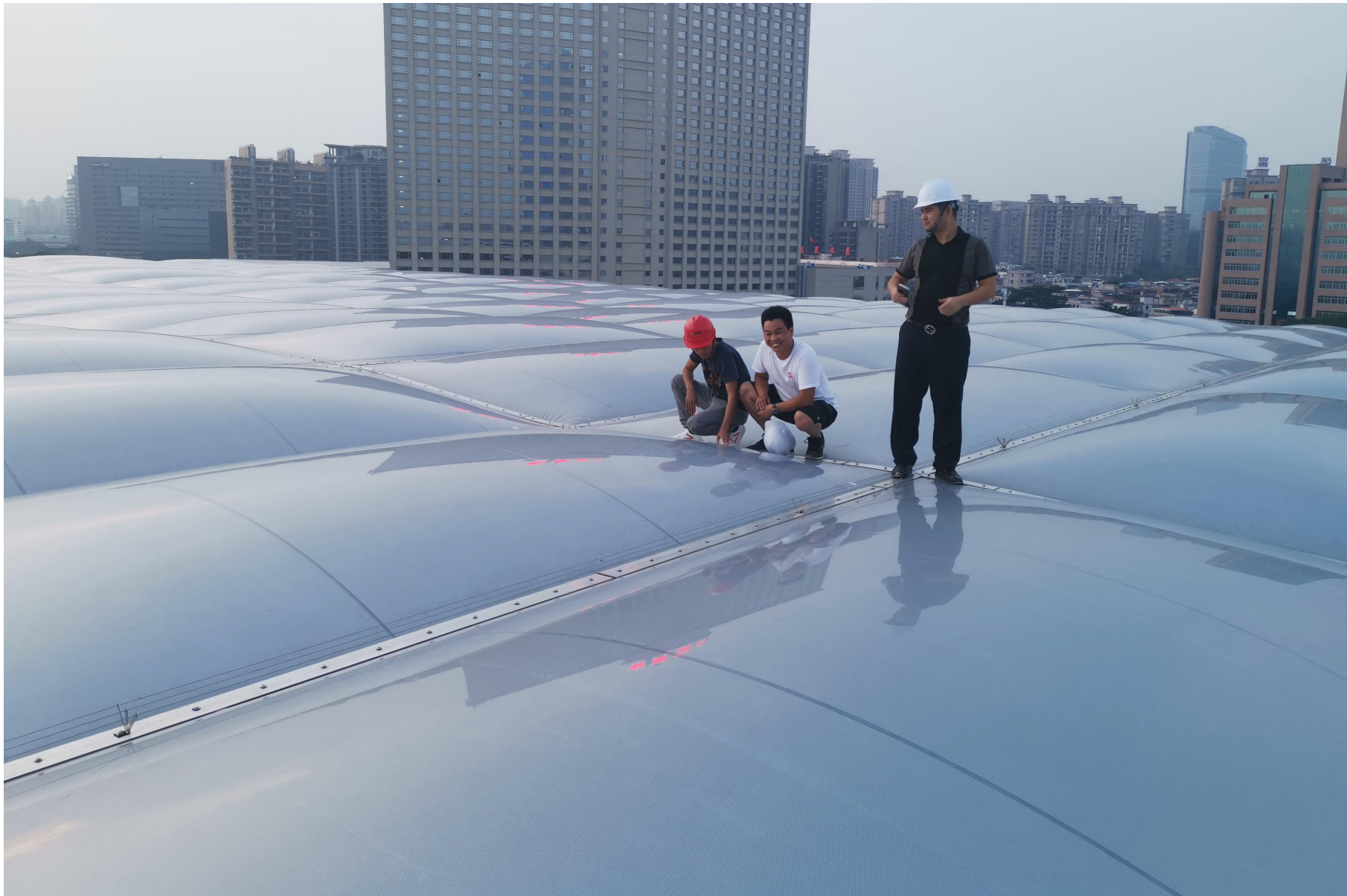




The Dongguan Citizen Service Center has set up 270 service windows. Citizens do not need to run long to do things here, and truly realize "entering one door and doing everything". Dongguan Citizen Service Center is upgraded and renovated on the basis of the original Dongguan International Convention and Exhibition Center. It is located between the administrative center area and the core business district. It is designed with underground passages and Dongguan Metro No. 2.

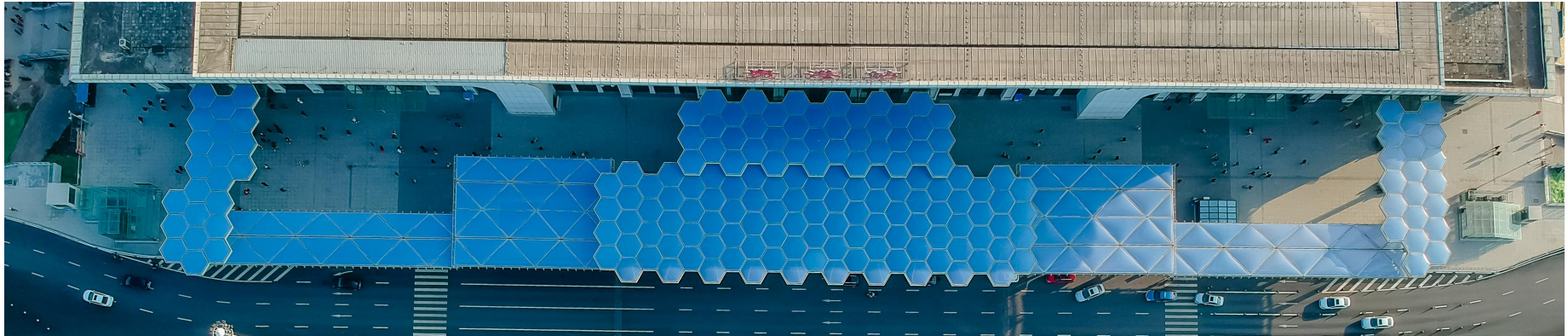
It is connected to Hongfu Road Station on the Line, and the traffic extends in all directions. There is also a large underground parking lot, which will greatly facilitate Dongguan citizens to choose different means of transportation to handle various matters. The roof of the Citizen Service Center is equipped with three layers of ETFE inflatable membranes to increase the lighting of the building.





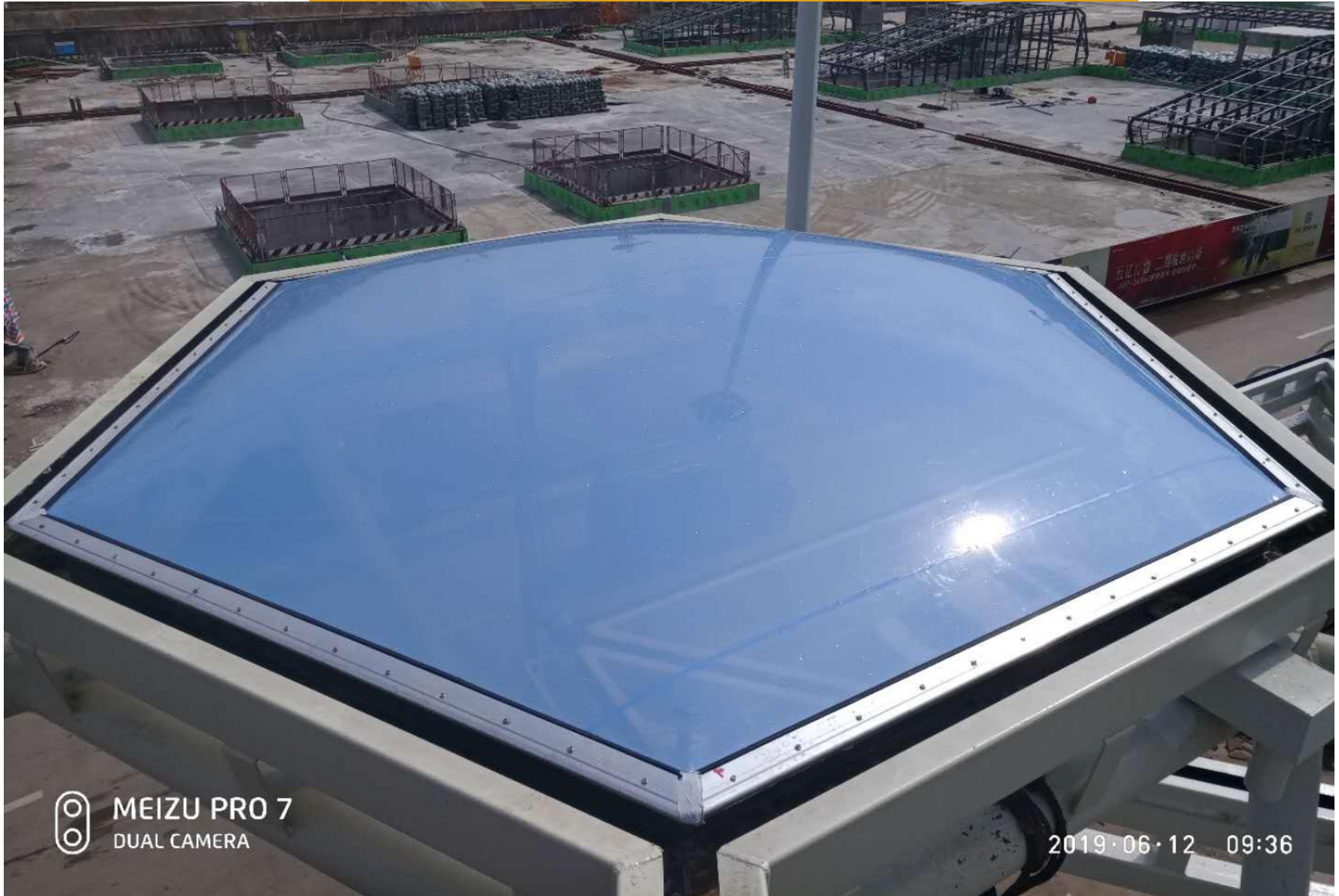
Guigang High Speed Rail Station ETFE Membrane Structure

The first "Water Cube" in Guangxi - ETFE membrane structure canopy in the square in front of the Guigang high-speed railway station, all made of steel structure combined with new material ETFE membrane material, composed of regular hexagonal transparent bubbles of equal shape and size, shaped like multiple "water cubes". Under the circumstance of ensuring sufficient light and good air circulation, the history of passengers entering and leaving the high-speed rail station being exposed to the wind and the sun will be ended, and the journey will become more comfortable. The project fills the gap in Guangxi in the application of ETFE membrane structure building technology and becomes a landmark building in Guigang.





Detail of ETFE membrane structure in the square in front of Guigang High Speed Rail Station



MEIZU PRO 7
DUAL CAMERA

2019-06-12 09:36



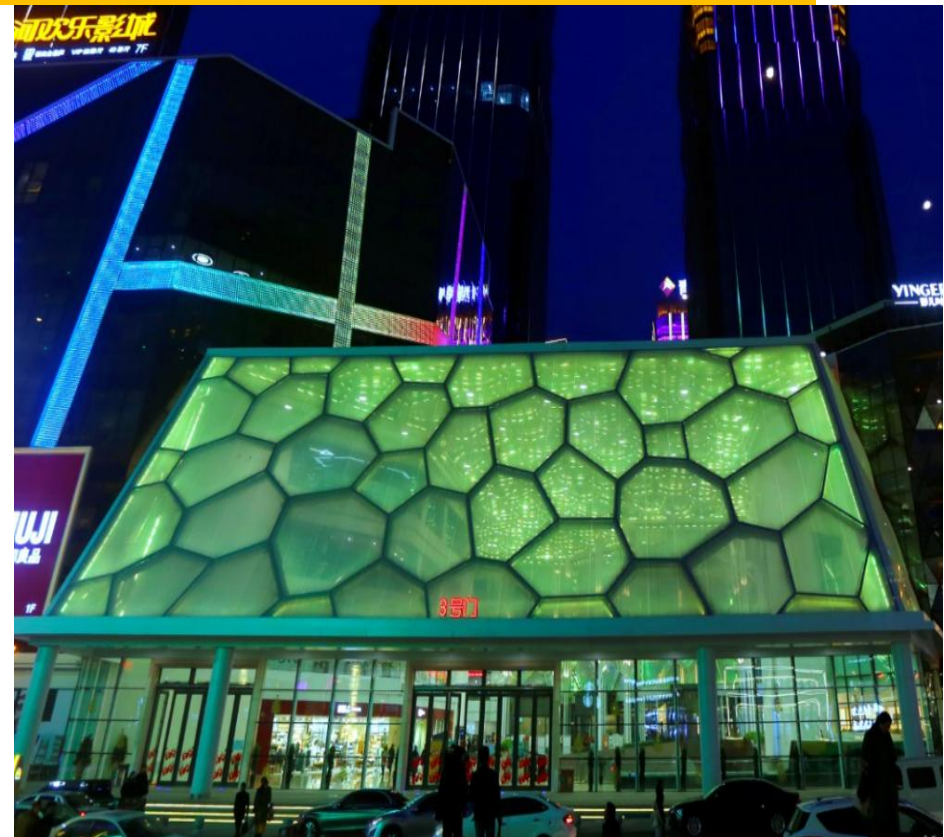
烨兴集团
YE XING GROUP

ETFE project of Xining Tangdao Jingzuo Commercial Center



ETFE project of Xining Tangdao Jingzuo Commercial Center

For the ETFE membrane structure project of Xining Tangdao Jinzuo Real Estate, the main steel structure adopts a square thick tube steel frame, and then the ETFE membrane structure roof of nearly 16,000 square meters of Tyson polygons is divided into 566 colorless and transparent air pillow films. The biggest feature of this ETFE air pillow film structure is that it is clean and transparent during the day, which can not only provide a lot of lighting, but also keep heat and heat insulation; at night, the solid color film bubble can perfectly render the color released by the LED lights, which is gorgeous and extraordinary.



ETFE project of Xining Tangdao Jingzuo Commercial Center







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Guiyang Feijiba~ Eye of the World ETFE Membrane Structure Building





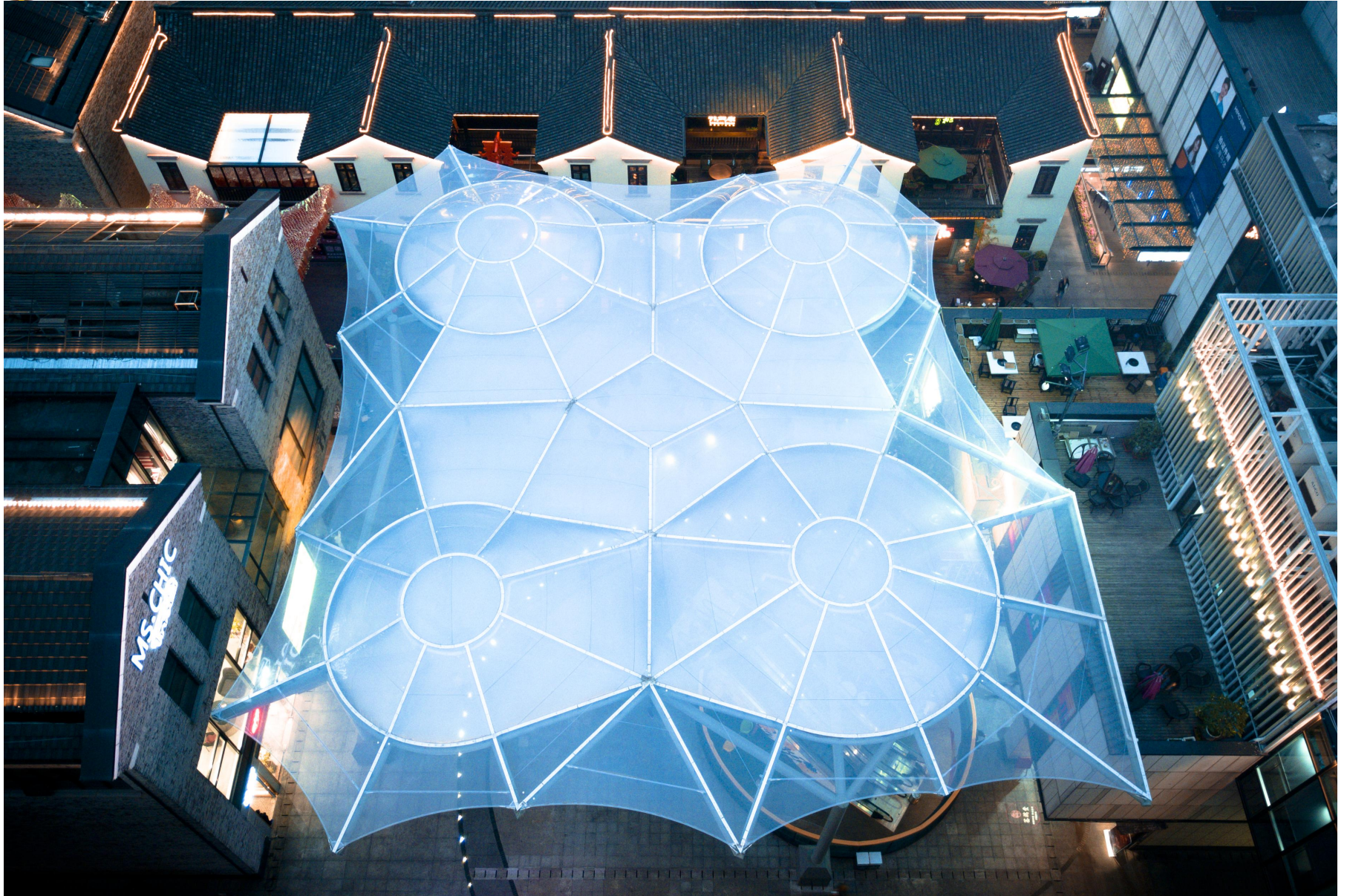
Xizi Lake, where thousands of years of culture have settled, the newly added ETFE canopy reflects the cultural characteristics of West Lake. It is necessary to organically combine single-layer ETFE with multi-layer air pillows, which greatly increases the difficulty of engineering construction. In order to make this project more perfect, we have reinforced the foundation support structure of the site in the construction plan; In terms of materials, the membrane material will be ETFE pattern plating point membrane material imported from Germany. Aviation grade aluminum profiles will be selected as the pressing and fixing materials. Q235 seamless steel pipes will be used for all main steel structures, which will be transported to the site for assembly construction after precision processing by professional processing plants; The ETFE membrane material with plated patterns can effectively absorb and filter ultraviolet rays, and has good sun and rain protection functions; The project is equipped with an automatic induction laser lighting system, which can automatically color render the film surface and add architectural beauty in cloudy days or at night.





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Hangzhou Hubin Yintai Plaza ETFE Roof



Hangzhou Hubin Yintai Plaza ETFE Roof



ETFE Project Indoor Show of Weifang High-speed Railway Station









Guangzhou Tianhuan Plaza ETFE Roof



Shenzhen Yantian Double Fish Pavilion ETFE Project





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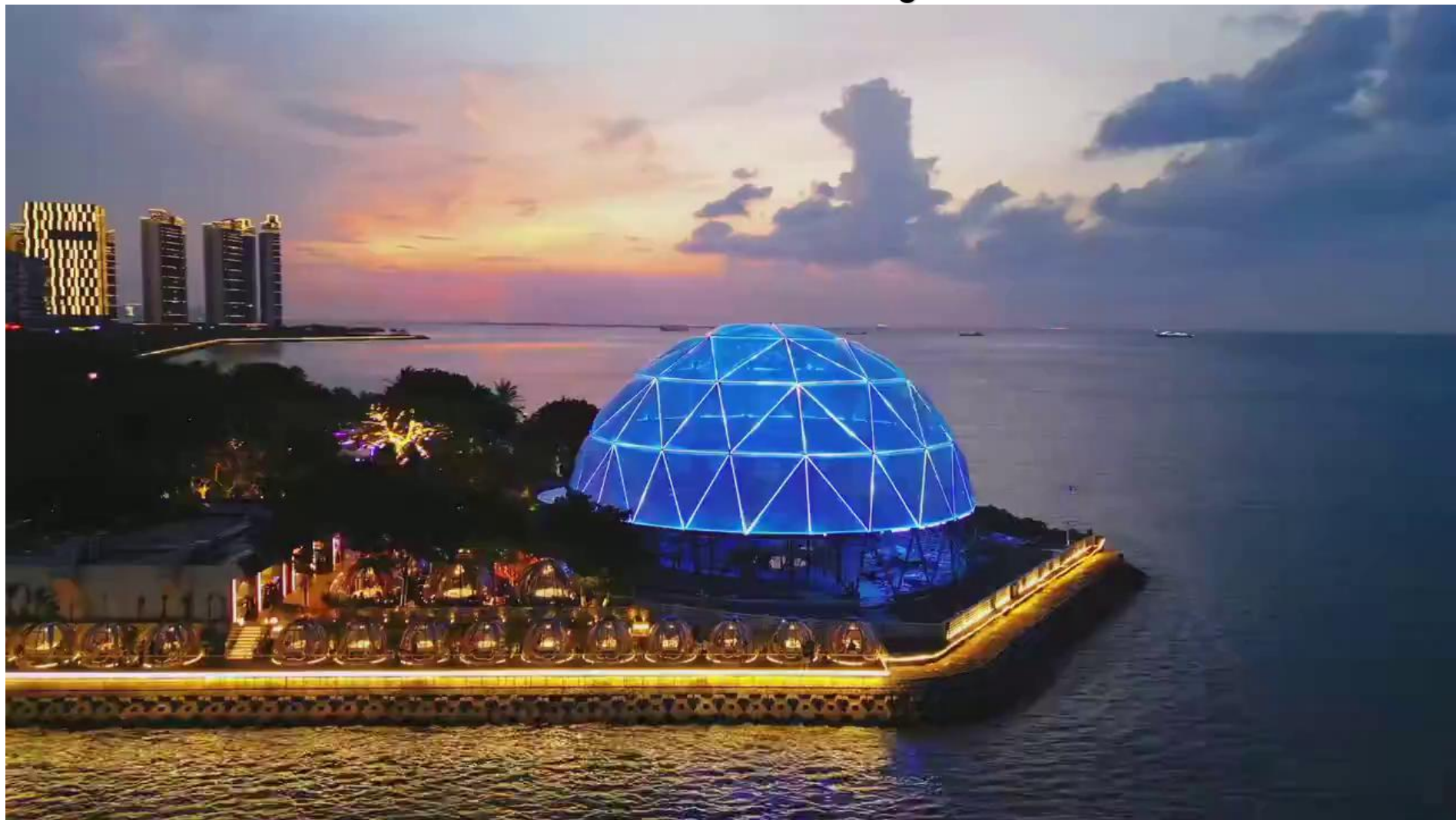
Shenzhen Yantian Double Fish Pavilion ETFE Project



Haikou π. Restaurant&Live House Project " Rendering



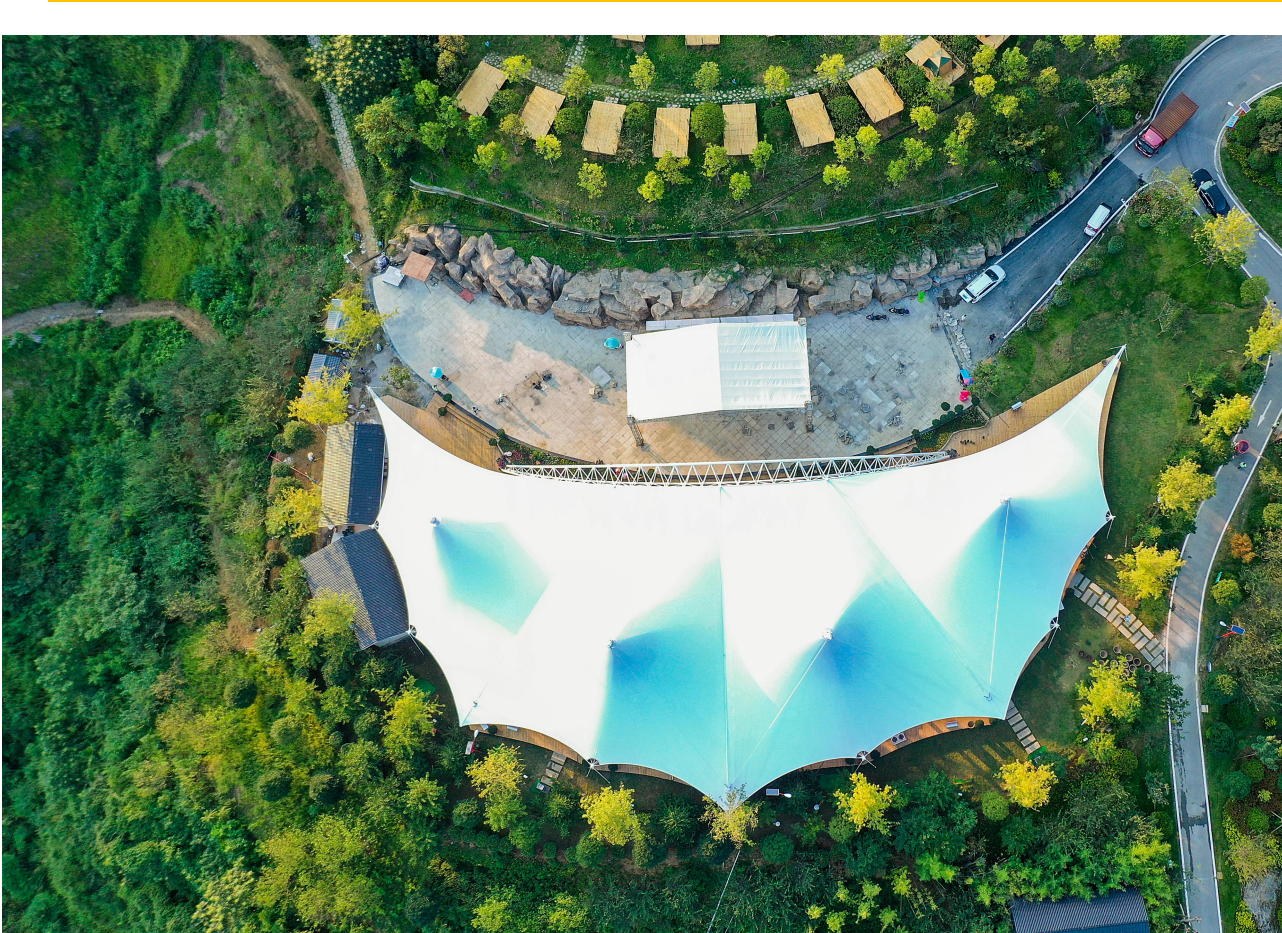
Haikou π. Restaurant&Live House Project " Rendering







Guizhou Tourism Development Conference Main Venue



Shanping AAAA Scenic Spot Qianbei Flower Sea is a 4A ecological garden-style health resort scenic spot built in the southwest. The total development area is about 3,000 mu, and the total area for flowers is 1,500 mu.

It is 4.5 kilometers away from Tongzi County, and the traffic is very convenient. Also known as Shanping Flower Sea, it is one of the few four-season flower seas in Guizhou Province and the largest flower sea in Zunyi. Huahai covers an area of more than 1,500 mu. The types of flowers are all varieties that like sunshine, long flowering period, heat and drought tolerance, mainly plant azalea, four-season cherry, lavender, sunflower, cosmos, lily, crape myrtle, verbena and other flower species. It is equipped with ornamental and entertainment items such as the Underwood Garden, the Crape Myrtle Love Corridor, and the Colorful Grass Skating Playground.

The project covers an area of 2,800 square meters, all of which are made of PTFE membrane materials imported from Germany with a quality guarantee of 20 years, and the design life of the steel structure is 50 years.



Brunei Royal Garden

The PTFE membrane structure project of Brunei Royal Crystal Park is one of the many overseas projects of Yexing Group, covering an area of 13,500 square meters.





Guiyang Cigarette Factory Parking Lot

The PTFE membrane structure carport of Guiyang Cigarette Factory is currently the largest PTFE glass fiber membrane structure carport in the world, with an area of 15,500 square meters, which can park nearly 1,000 cars at the same time. The project uses imported PTFE permanent membrane material, with a 20-year warranty and a 50-year steel structure design life.







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Aerial photography effect of the study room on Mount Tai's Jiunvfeng Peak





THE AMERICAN INSTITUTE OF ARCHITECTS
SHANGHAI | BEIJING CHAPTER

IN ACCORDANCE WITH THE ADJUDICATION OF THE DESIGN AWARD JURY CONFERS A

**MERIT AWARD
FOR ARCHITECTURE 2020**

TO

GAD·LINE+STUDIO
ARCHITECT

FOR DESIGN EXCELLENCE IN ARCHITECTURE FOR

**JIUNVFENG STUDY AND
LEISURE SUPPORTING FACILITIES**
TAI'AN, CHINA

COMMERCIAL/ MIXED-USE
BUILDING TYPE

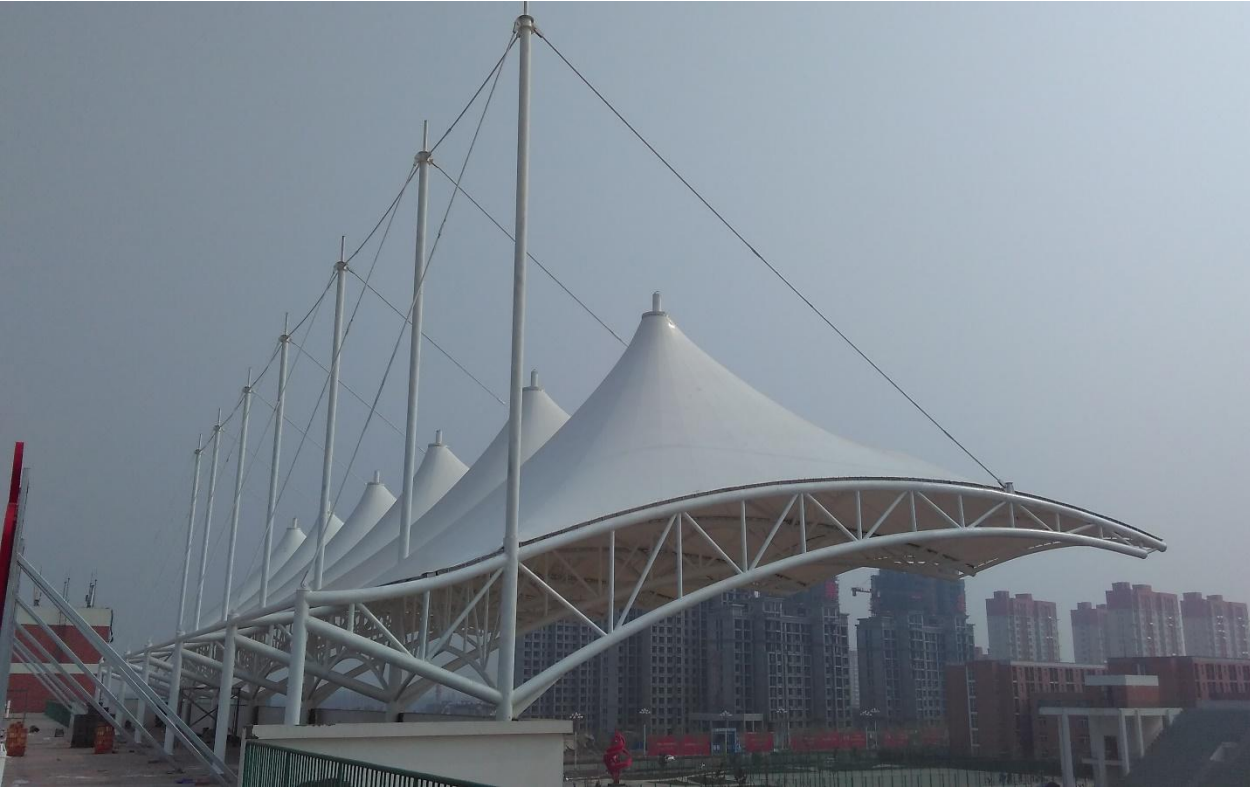


CHAPTER PRESIDENT



CHAPTER SECRETARY





Project Name:

Hejian Middle School
Stadium Membrane Structure

Project Location: Hejian City,
Hebei

Construction area: 3700
square meters

Membrane Material: PVDF
imported from Germany

Completion Time: 2013

Warranty period: 15 years







Projects Under Construction





烨兴集团
YE XING GROUP

Construction of Qingdao Youth Football Stadium for Asian Cup



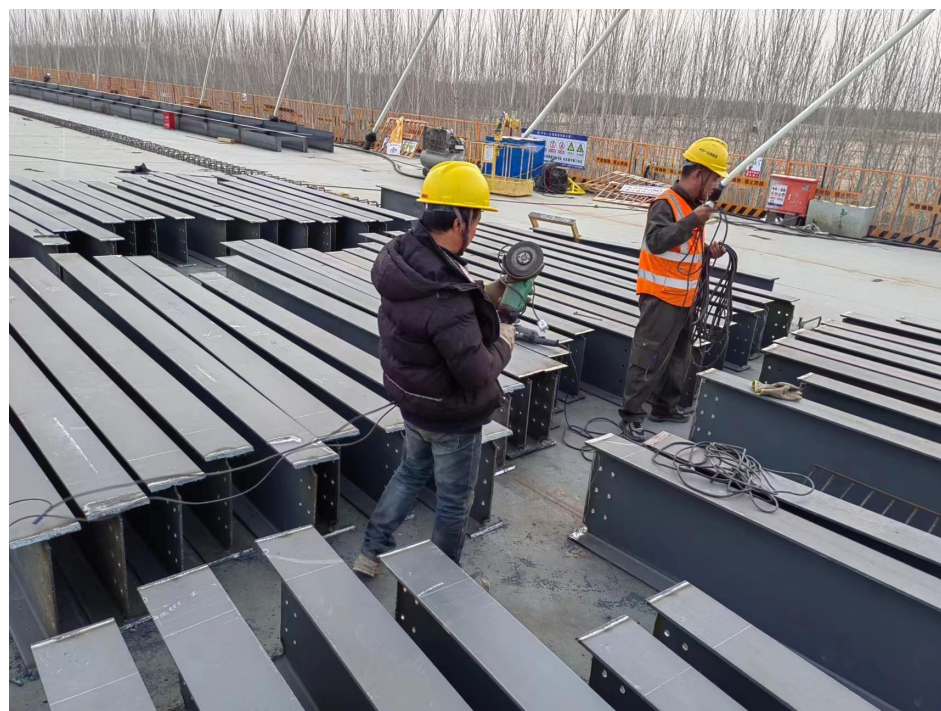
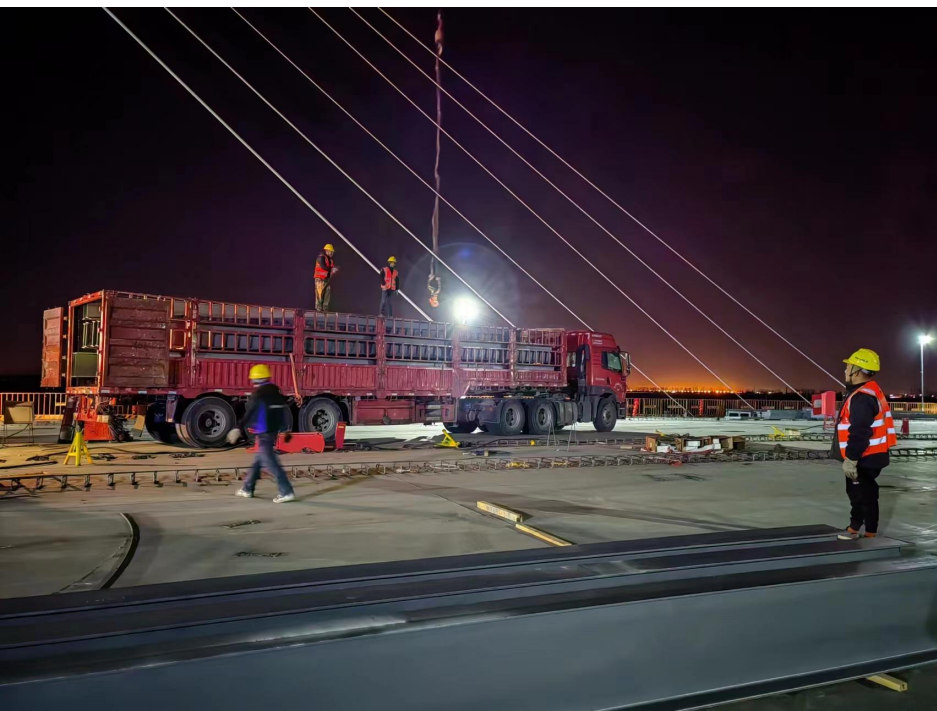
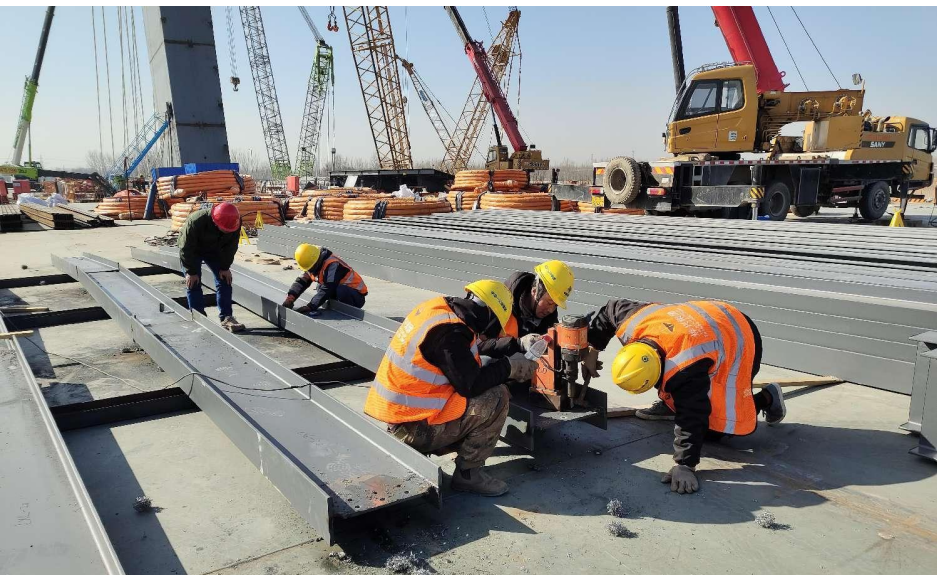
Double Hall Project of the Sanya Yasha Sports Meeting is under construction



Yongding River Bridge Project in Airport Area



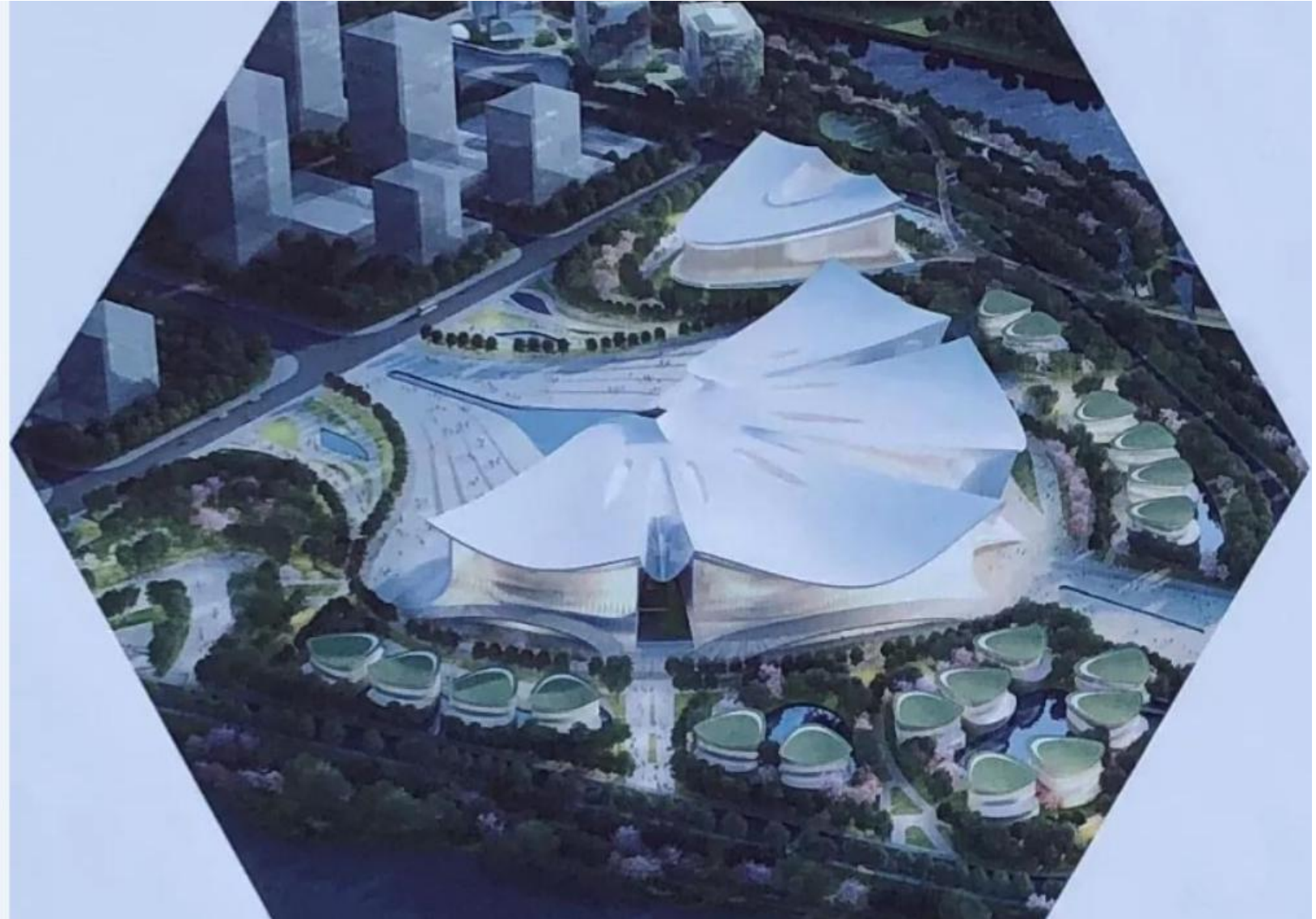
Yongding River Bridge Project in Airport Area

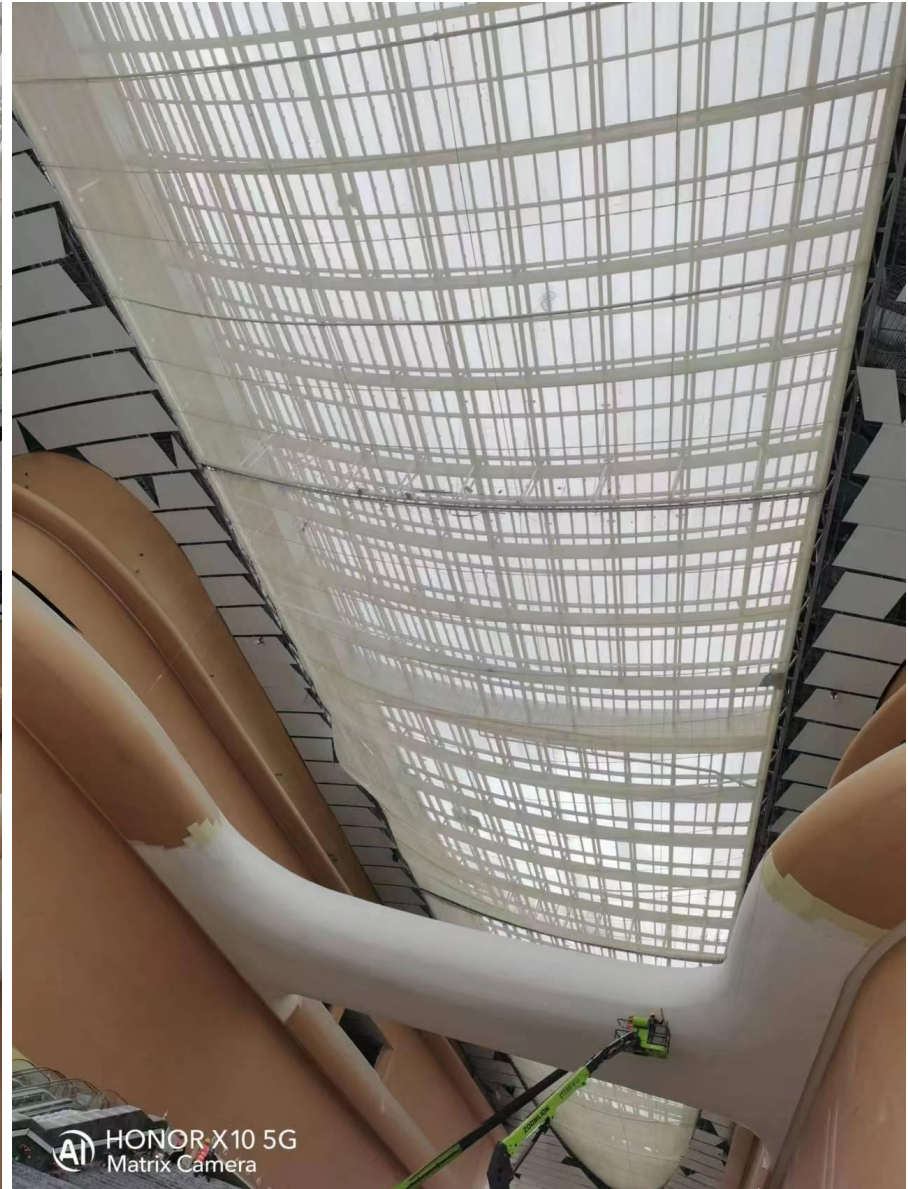




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Permanent venue of the International Financial Forum (IFF)





Haikou π. Restaurant&Live House Project " Rendering



Haikou π. Restaurant&Live House Project under Contruaction



Xinyang Nanwan Lake Tea Expo Venue





信阳楼畈村钢膜结构项目

施工内容: 立钢柱
拍摄时间: 2023.03.11 14:31
天气: 多云 25°C
地点: 信阳市·011县道
施工单位: 深圳市烨兴膜结构工程有限公司



信阳楼畈村钢膜结构项目

施工内容: 拉弯管
拍摄时间: 2023.03.13 14:41
天气: 晴 19°C
地点: 武汉市·湖北欣发红业护栏有限公司
施工单位: 深圳市烨兴膜结构工程有限公司



烨兴集团
YE XING GROUP

Xinyang Nanwan Lake Tea Expo Venue



信阳楼畈村钢膜结构项目

施工内容: 驳管、拼桁架

拍摄时间: 2023.03.20 10:58

天气: 阴 12°C

地点: 信阳市·011县道

施工单位: 深圳市烨兴膜结构工程有限公司

今日水印
— 相机 —

真实时间

防伪 XWKWP33RTKMC3



烨兴集团
YE XING GROUP

Nanjing Wanhui City Commercaill Center
PTFE+ETFE Project





烨兴集团
YE XING GROUP

Nanjing Wanhui City Commercaill Center
PTFE+ETFE Project



南京项目

施工内容：钢结构单元组装

拍摄时间：2023.07.26 15:36

地点：南京市·东方万汇城北区

施工单位：深圳市烨兴膜结构工程有
限公司

今日水印
—相机—
真实时间

防伪 KDY42YRCMR1NCL



2. Keynote

Projects under construction in 2023

- ◆ Guangzhou Nansha International Financial Center Project
- ◆ Nanjing Wanhui City PTFE and ETFE Commercial Complex
- ◆ Haikou π. Restaurant&Live House Project
- ◆ Guangzhou Baiyun railway station Project
- ◆ Roof of Algerian Capital Bus Station
- ◆ Sanya Yasha Games, Gymnasium and Natatorium
- ◆ Xinyang Nanwan Lake Loufanyi Station Membrane Structure Project
- ◆ Nanjing Oriental Wanhui City Project
- ◆ Shenzhen Bay Science and Technology Competition School
- ◆ Philippine Stage
- ◆ Xiaomeisha Beach Park

部分客户

SOME CUSTOMERS

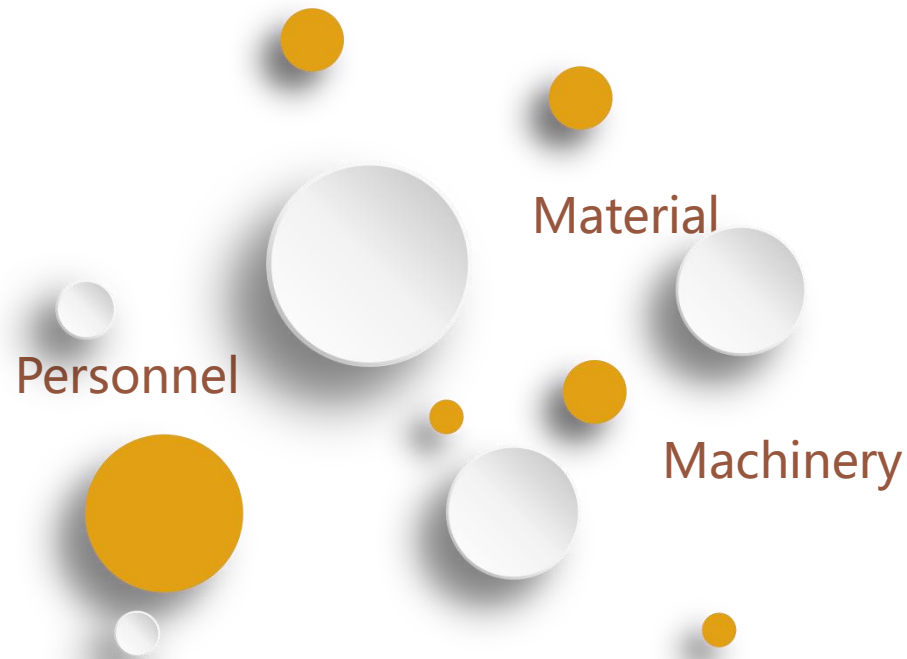


04

Yexing Group Quality









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04-1-1
Personnel





Design Director

Weigang Wang

Engaged in the design of membrane structures and steel structures for 13 years and has design experience in more than 500 large and small membrane structure projects. Participated in the design of Changnan PTFE membrane structure gymnasium, Lianyungang Qiangwei Lake ETEF membrane structure tropical botanical garden, Guangxi Chongzuo PTFE membrane structure sports center and other large-scale projects.



Membrane structure senior designer

Huahai Lai

Engaged in membrane structure and dry structure design for 12 years, and has strong commercial application design of ETFE membrane structure. Representative works include Guangzhou Hongcheng Plaza ETFE Membrane Structure Project, Aircraft Dam ETFE Membrane Structure Sales Center, Xining Jinzuo Real Estate ETFE Membrane Structure Commercial Hollow, Xi'an Old Town ETFE Membrane Structure Commercial Corridor, etc.



Membrane structure senior designer

Baoshan Liu

Engaged in membrane structure design for 10 years. He has a unique understanding of the design of membrane structure modeling. He has created hundreds of classic shapes that are highly appreciated by customers and are deeply loved by customers. The more classic modeling cases include the membrane structure project of the Hong Kong-Zhuhai-Macao Bridge Zhuhai Port Passenger Inspection Area A, the membrane structure of Zhuhai Jinshan Park, and the series of membrane structures of Guiyang Future Ark Commercial Street.



Vice President of Engineering

Chao Tian

Engaged in project management for 13 years, mainly engaged in curtain wall structure

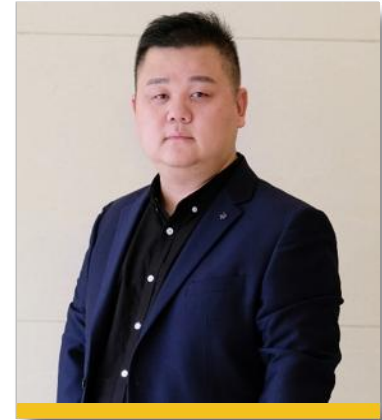
Participated in the management and construction of large-scale complex projects such as Chengdu Zhujiang New Town International, Chengdu Baiyue Hilton, Wuxi Magnolia Garden, Chengdu World Financial Center, Guiyang International Trade Center (Twin Towers), Dolphin Plaza, Shanghai Center, etc.



Chief technical engineer

Xiufeng Zhang

Graduated from Industrial and Civil Construction, steel structure engineer, first-class registered construction engineer
He has rich experience in the management of large-scale steel structure projects, and has participated in the management of large-scale steel structure projects such as Taiyuan Heavy Industry and Taiyuan Iron and Steel Steel Structure Plant.



Supply Chain Management

Lin Zhang

Engaged in the supply of steel membrane structure raw materials for 6 years, with a large number of high-quality and stable supply channels at home and abroad.
Participated in the material supply of many large-scale projects such as Chongzuo Stadium PTFE membrane structure project and Dongguan Civic Center roof assembly system ETFE membrane structure project.



Director of Human Resources

Youfa Peng

16 years of experience in human resources management in large state-owned enterprises and private enterprises, familiar with the six major modules of human resources management, combined with internal and external conditions of the enterprise, committed to the construction of front-end sales and project operation delivery service systems.



Finance Manager

Hongxai Liu

Engaged in financial work for more than 20 years, intermediate accountant, and head of the financial department for nearly 10 years, with experience in financial management and cost control in various industries. Organized and completed the launch of the company's Kingdee ERP, standardized the company's financial processes and systems, and made the company's accounting clear and accurate. Provide data support and effective suggestions for the company's business decisions.



Finance Manager

Yuejun Dong

Engaged in membrane structure processing and construction for 20 years

With processing experience of more than 700 large and small membrane structure projects, he has participated in Changnan PTFE membrane structure gymnasium, Lianyungang Qiangwei Lake ETFE membrane structure tropical botanical garden, Guangxi Chongzuo PTFE membrane structure sports center, Dongguan civic service center ETFE roof, Guigang high-speed railway station ETFE rain Processing work for large-scale projects such as sheds.



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YE XING GROUP

04-1-2 Materials



Steel Raw Material Control





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Re-check, Inspection





武汉钢铁股份有限公司

WUHAN IRON & STEEL COMPANY LIMITED

产品质量证明书

CERTIFICATE OF PRODUCT QUALITY

地址: 中国.武汉.青山

ADDRESS: QINGSHAN, WUHAN, P.R.C

邮编: 430083

POST CODE: 430083

TELEPHONE: (027) 86898888

订货单位 SOLD TO				产品名称	PRCDCTY	高频焊管		
技术条件 SPECIFICATION	Q/WG(LZ)20-2008-DC01-4-PT, A-PT, A; 较高纵精整表面A, 退火+平整 普通厚度精度PT, A; 普通宽度精度PW, A; 普通长度精度PL, A; 普通不平度精度PF, A;			订单编号 CNICN NO.		证明书编号 CERTIFICATE NO.	160802211	
				客户编号 CWSICMEI NO.		合同号 CONTRACT NO.		
				发货日期 DATE OF DELITENT	2016-2-24	证明书日期 T/C ISSUE DATE	2016-2-24	
检验 INSPECTION	武钢检验 (WISCO INSPECTION)			份数 No.	3	车船号 IEAIN/SHIP NO.		

项目 Item No.	标签号 LABEL NO.	规格及重量 MATERIAL DESCRIPTION				炉号 HEAT NO.	钢号	化学成分 CHEMICAL ANALYSIS %					试样 SAMPLE			拉伸试验*42 G.L.=80mm		
		品种规格 SPEC	长度 LENGTH mm	数量 PCS	重量 QTY(t)			C	Si	Mn	P	S	状态 ST XT	方向 DI	位置 RPO S	屈服 Y.S.	抗拉 T.S.	伸长 EL
								X10 ⁻²	X10 ⁻²	X10 ⁻²	X10 ⁻³	X10 ⁻³				Mpa		%
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注释 NOTES: G.L.=GAUGE LENGTH AR AS PRODUCT 试样同成品状态
 Y.S.=YIELD STRENGTH T TRANSVERSE 纵向
 T.S.=TENSILE STRENGTH H HEAD 头部取样
 EL.=ELONGATION I 客户同意接受重量
 *42 TENSILE TEST 拉伸试验

兹证明本表所列产品, 均以产品标准制造及试验, 并符合标准之要求。
 We hereby certify that the products listed in the table have been manufactured and tested according to the standards, and accordance with the request of standards.

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 武汉钢铁股份有限公司
 质量检验中心
 GENERAL MANAGER QUALITY INSPECTION CENTER



Rigging Material Control



烨兴集团
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KIN LONG 坚朗

Construction Hardware Expert 建筑五金专家

J&L 巨力集团
JULI GROUP





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Rigging Material Report

QR-SY-03F

耀兴 KIN LONG

广东耀兴五金制品股份有限公司实验中心
Laboratory Center of Guangdong Kin Long Hardware Products Co., Ltd.

金属材料拉伸试验报告

Metallic material tension test report

第 1 页 共 1 页
Total 1 pages 1 of 1

报告编号 Report No.: SY1503220

委托单位 Entrusted by:	广东耀兴五金制品有限公司	委托方地址 Address:	广东东莞市塘厦镇大坪社区松塘路 10 号	生产厂家 Manufactured by:	耀兴
样品名称 Sample name:	销钉	规格型号 Model:	Φ25	样品数量 Sample quantity:	1
材料牌号 Material:	2055Cr13Mo	工程名称 Project name:	—	接收日期 Received date:	2015-05-12
试验条件 Test condition:	GB/T 228.1-2010	试验标准 Test standard:	GB/T 228.1-2010	检测日期 Testing date:	2015-05-12
试样类型 Type of sample:	棒	产品标准 Product standard:	技术要求	完成日期 Completion date:	2015-05-12

序号 No.	样品编号 Specimen No.	炉号/批号 Lot/Part number	原始直径 Original diameter Φ(mm)	抗拉强度 Anti-tension Intensity Rm≥980MPa	规定非比例延伸强度 Proof strength, plastic extension Rp0.2≥1100MPa	断后伸长率 The promotion rate after breaking A≥12%	断面收缩率 Section shrinkage Z≥25%	判定 Verdict
1	SY1503220	—	10.10	826	729	18.5	48	合格
	QL		下		空		空	
备注 Remark:								

批准人 Approved by:	王明华	审核人 Checked by:	王明华	主要试验人 Main tester:	董嘉辉
职务 position:	实验中心主任 Director of the test center				

声明: 本报告的签署和盖章, 仅代表耀兴五金 (中文简称除外), 对受委托方提供, 本实验中心仅对来样所测试验结果负责, 对来样方提供的来样数据及来样图样负责, 对来样方提供的来样数据及来样图样负责。

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电话 Tel: (+86-769) 82166666

网站 website: <http://www.kinlong.com>

邮编 postcode: 523722

传真 Fax: (+86-769) 82032268

E-mail: wu@kinlong.com

Rigging test report

WICTORY® 杭州
钢 丝

需方名称: 广东坚立五金制品有限公司

开具日期: 2014-01-17

质量证明书编号: Ni005

QR-8.2.4-01

产品名称	GB/T 10120-2013 钢丝绳	产品钢号	82B
规格	2.90 mm	产品标准	用户
重量	35000 Kg	件数	71 件

技术指标:

	标准值	检测值	单项判定
钢丝绳直径	2.90±0.04 mm	2.86-2.94	合格
抗拉强度	1670 MPa	1681-1779	合格
伸长率	≤4 %	5-8	合格
镀锌层含量	≥4.2 %	9.7-10.5	合格
镀锌重量	≥230 g/m ²	330-310	合格
扭转	≤11	18-30	合格
弯曲	≥6	6-10	合格
疲劳寿命	4d 缠绕 8 圈 镀锌层不开裂或脱落		合格

备注: 本批产品符合用户技术协议要求。



制表人: 马力强

审核人: (Signature)

技术管理部门 (印章):

厂址: 杭州市余杭区临平余杭经济开发区红丰路 587 号 邮编: 311100

联系电话: 0571-86210938 0571-89162011 网址: www.chuangyumetal.com

Rigging Product Certificate

产品合格证

型号: 不锈钢外六角 (304)

规格: M12*35

数量: 4000PCS

检验员: (Signature)

广东坚立五金有限公司

产品合格证

型号: 不锈钢外六角 (304)

规格: M12*35

数量: 4000PCS

检验员: (Signature)

广东坚立五金有限公司

产品合格证

型号: 不锈钢外六角 (304)

规格: M12*35

数量: 4000PCS

检验员: (Signature)

广东坚立五金有限公司



Membrane Material Control



Membrane Material Customs Declaration Import Qualification

QG07

中华人民共和国海关 报关单位注册登记证书

海关注册编码: 4403161EB6
组织机构代码: 678589672
企业名称: 深圳市烨兴膜结构工程有限公司

企业住所: 深圳市龙华新区大浪街道同胜社区谭罗新二村
56号安宏基大厦 1103、1105

企业经营类别: 进出口货物收发货人

注册登记日期: 2017年6月5日

法定代表人: 赖华娟

有效期: 长期

注册海关: 深关现场
核发日期: 2017年6月5日



重要提示

报关单位应当在每年6月30日前向海关
提交《报关单位注册信息年度报告》，不
再另行通知。

中华人民共和国海关总署监制



烨兴集团
YE XING GROUP

Import Customs Declaration Record Form For Film Materials

VERSEIDAG
COATING AND COMPOSITE

duraskin® 杜肯

ISO 9001 / ISO 14001

PTFE 膜材供销合同

SALES CONTRACT OF PTFE MEMBRANE

合同号 (Contract No.): VS- YEXIN- 2017-001

日期 (Date): 2017-9-28

买方: 深圳市烨兴膜结构工程有限公司

Buyer: Shenzhen Ye Xing Membrane Structure Engineering CO., Ltd.

Address: Room 1103-1105, Anhongji Building, No.56, Tanluo Xin Er village Tongsheng Community, Dalang Street, Longhua New District, Shenzhen City, Guangdong, P.R.China. Post Code: 518109

Contact person: Mr. Wang Wei Qiang

Mobile: 0086-137 6021 0896

Fax: 0086-755-29164096

卖方: Verseidag-Indutex GmbH (德国杜肯 duraskin®膜材生产商)

SELLER: VERSEIDAG-INDUTEX GMBH

Address: INDUSTRIESTRASSE 56, 47803 KREFELD, GERMANY

Contact person: Mr. Mural Devecioglu

Tel: 0049-2151-876238

Fax: 0049-2151-876291

买卖双方经过协商, 自愿平等订立本合同。本合同膜材用于广西崇左体育场。

And after friendly discussions, based on the principle of willingness and equality, the Seller agrees to sell and the Buyer agrees to buy the following goods for Chongzuo stadium of Guangxi province.

	买方进口代理: Import Agent	卖方代表: Seller
	买方代表: Buyer	卖方代表: Seller

Verseidag-Indutex GmbH
Industriest. 56
D-47803/Krefeld

中国工商银行

网上银行电子回单 (补打)

电子回单号码: 0016-9998-3655-1100

打印日期: 2017年10月19日

第2次补打

付款人	户名	深圳市烨兴膜结构工程有限公司	收款人	户名	VERSEIDAG-INDUTEX GMBH INDUSTRIESTRASSE 56 47803 KREFELD GER
	账号	4000026619203201328		账号	DE02320800100701747900
	开户银行	工行深圳市分行龙华支行		开户银行	
金额		EUR782,100.00	金额(大写)		欧元 柒拾捌万贰仟壹佰元整
摘要		TT1710090266090800	业务(产品)种类		转账
用途					
交易流水号		41671000	时间戳		2017-10-10-14.27.41.757926
		备注:			
		验证码: 0zNgW8o3iaHgf4+gkvTFBgn9w5M=			
记账网点	0260	记账柜员	00168	记账日期	2017年10月10日

重要提示:

1. 如果您是收款方, 请到工行网站www.icbc.com.cn电子回单验证处进行回单验证。2. 本回单不作为收款方发货依据, 并请勿重复记账。3. 您可以选择发送邮件, 将此电子回单发送给指定的接收人。

Import Customs Declaration Record Form For Membrane Materials

00000001389169489

161006299

中华人民共和国海关进口货物报关单

企业留存联

VERSEIDAG
COATING AND COMPOSITE

预录入编号: 531620181161006299		海关编号: 531620181161006299	
收货人 (4403161EB6) (91440300678589672X) 深圳市烨兴膜结构工程有限公司	进口口岸 (5316) 大鹏海关	进口日期 20171223	申报日期 20180122
消费使用单位 (4403161EB6) (91440300678589672X) 深圳市烨兴膜结构工程有限公司	运输方式 (2) 水路运输	运输工具名称 UN9762338/PW7478	提单号 962953921
申报单位 (4403161EB6) (91440300678589672X) 深圳市海格联合运输有限公司	监管方式 一般贸易	征免性质 (101) 一般征税	备案号
贸易国 (地区) (304) 德国	启运国 (地区) (309) 荷兰	装货港 鹿特丹	境内目的地 (44031) 深圳前海区
许可证号	成交方式 (1) CIF	运费	保费
合同协议号 VS-YEXIN-2017-001	件数 11	包装种类 (7) 其它	毛重 (千克) 26850
集装箱号 MXU5474829 * 1 (2)	随附单证	净重 (千克) 17852.72	
标记唛码及备注 备注: 随附单证号:			
项号	商品编号	商品名称、规格型号	数量及单位
1	39219090.90	PTFE膜材	17852.72 千克
		4 3 玻璃纤维+塑胶乳液 卷材 是 与其他材料合制 泡沫塑料 工程	15524.1 平方米
		原产国 (地区) (304) 德国	单价 104.2900
		目的国: 中国	总价 1618853.15
		币制 (300) 欧元	征免 (1) 照章征税
<p>特殊关系确认: 否 价格影响确认: 否 与货物有关的特许权使用费支付确认: 否</p> <p>录入员 录入单位 兹申明对以上内容承担如实申报、依法纳税之法律责任 海关批注及签章</p> <p>8930001006415</p> <p>报关人员 申报单位 (签章)</p>			

Shenzhen Ye Xing Membrane Structure Engineering Co., Ltd.

Room 1103-1105, Anhongji Build. No.56
Tiankui Xin Er Village Tongsheng Comm.
Dalang Street, Longhua New District

518109 Shenzhen City, Guangdong
CHINA

Invoice

Invoice No.: 148439
Customer No.: 1083641
Date: 21.11.2017
Page: 1 / 2

Department:

Architektur
Contact: Torsten Zimmermann
Phone: +49 (0) 2151 876 227
Fax: +49 (0) 2151 876 271
Your Order: 28.09.2017 / VS-YEXIN-2017-001
Order No.: 162320 (AA: 001)

Shipping agent:

Terms of Delivery: CIF YANTIAN PORT SHENZHEN
cost, insurance, freight

Shipping Address

Shenzhen Ye Xing Membrane Structure Engineering Co., Ltd.
Room 1103-1105, Anhongji Build. No.56
Tiankui Xin Er Village Tongsheng Comm.
Dalang Street, Longhua New District
CN-518109 Shenzhen City, Guangdong

Pos	Quality	Article No.	Width/Colour Quantity	Price per unit	Value of Item
Order-Pos. No. 10					
1	architecture PTFE article descr.: GF-7000 variant: 16	B18059	470,00/143/143		
	quality status: I date of dispatching: 21.11.2017 / 185.727		990,00 M (4.512,00 M2)	104,28 EUR / 1,00 M2	570
				470.511,36 EUR	470.511,36 EUR
Order-Pos. No. 20					
2	architecture PTFE article descr.: GF-7000 variant: 16	B18059	470,00/143/143		
	quality status: I date of dispatching: 21.11.2017 / 165.727		2.343,00 M (11.012,10 M2)	104,28 EUR / 1,00 M2	572
				1.146.241,79 EUR	1.146.341,79 EUR
					1.146.241,79 EUR
					1.146.241,79 EUR

Import customs declaration record form for film materials



Customers witnessed the whole process of importing membrane materials from Shenzhen Yantian Customs



Open the container seal

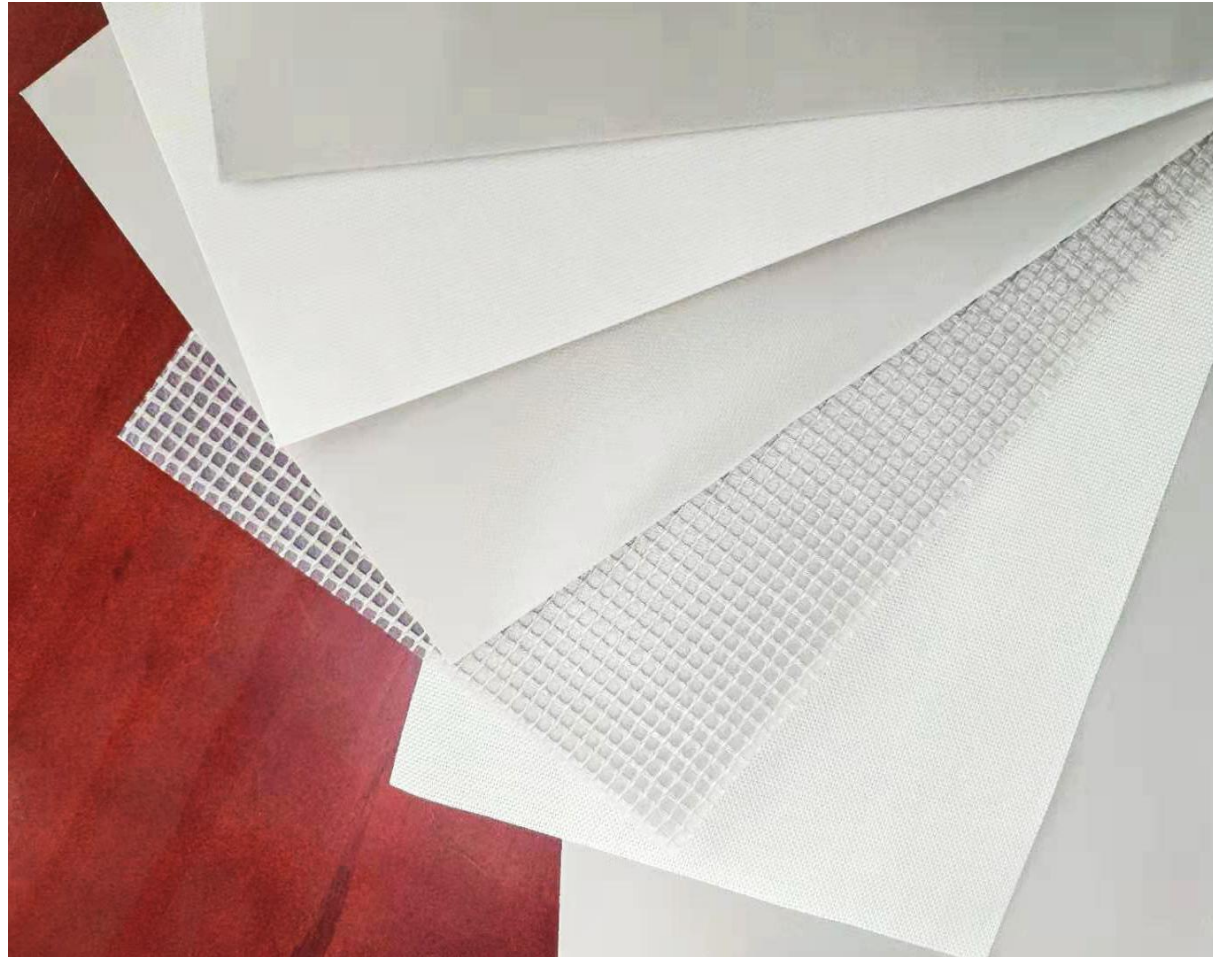
On-site sampling



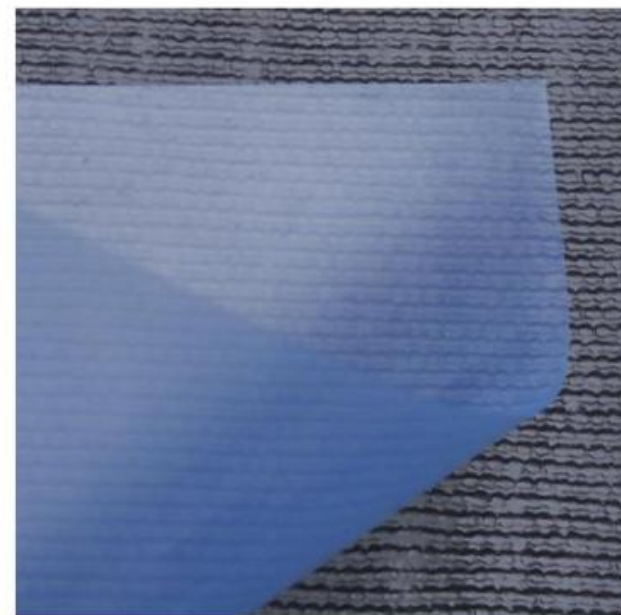
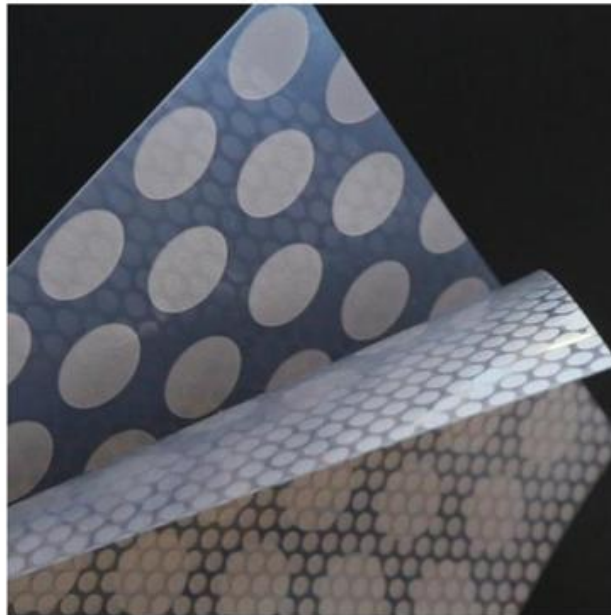
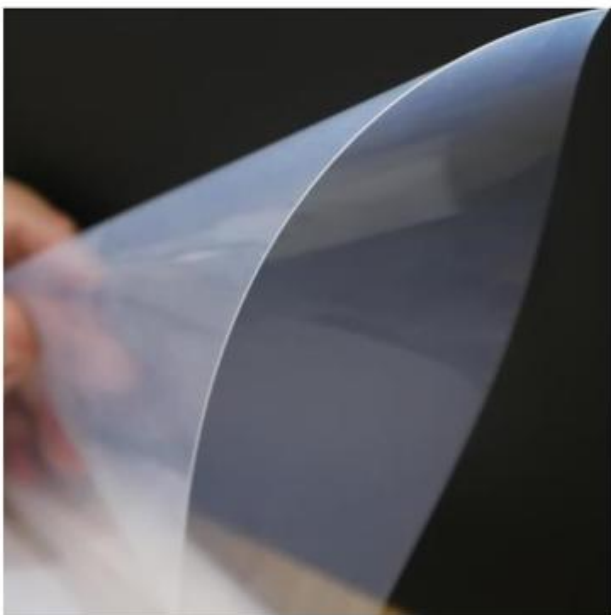
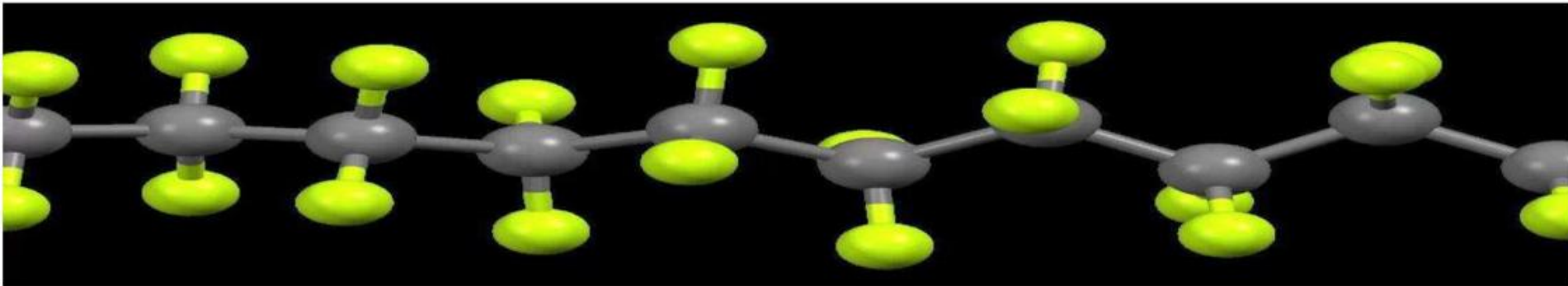


PTFE Membrane Materials

Different Brand
Different Type
Membrane Sample



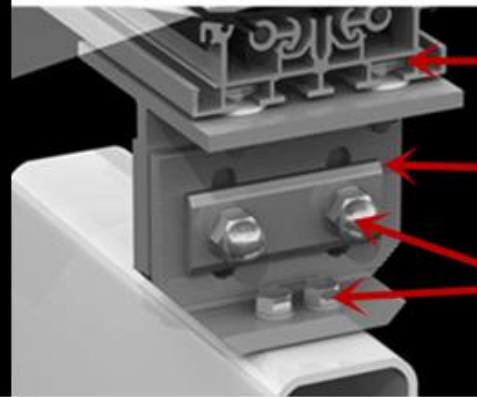
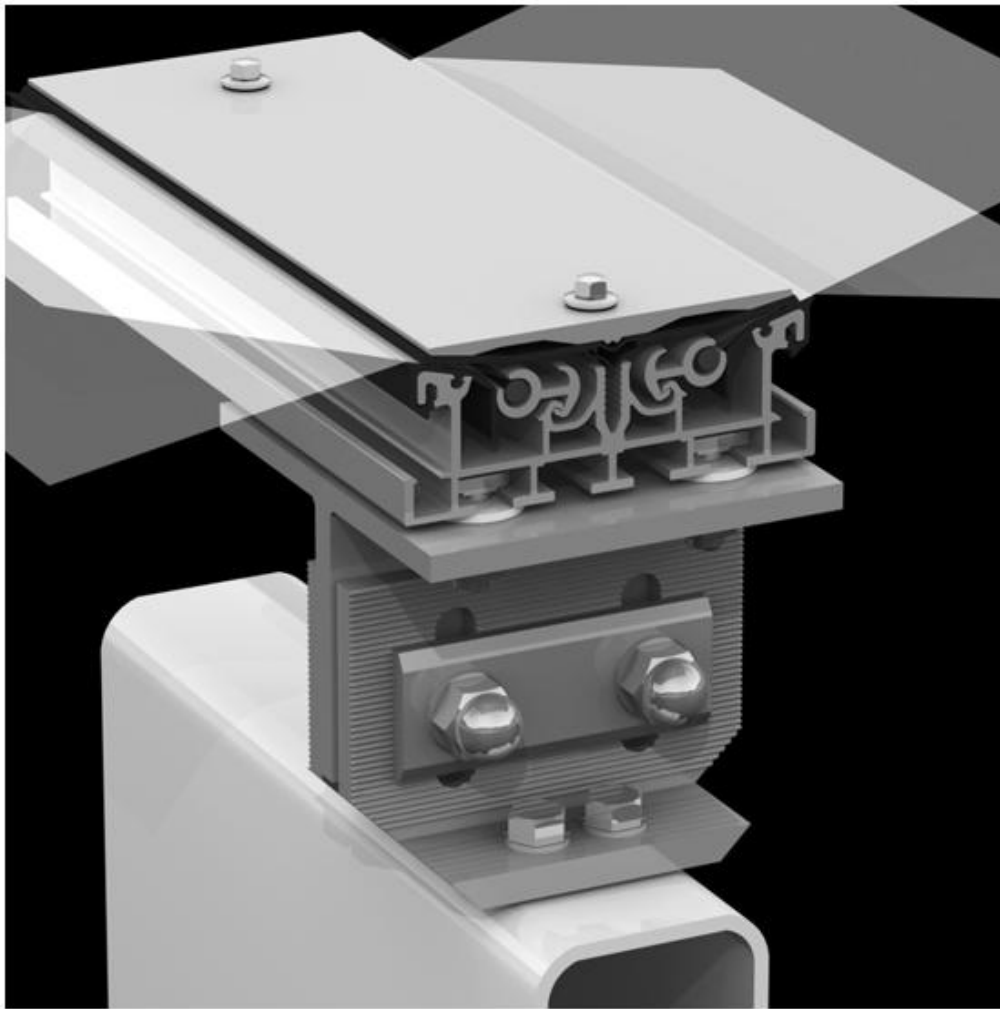
ETFE 膜材



Aluminum Profile Raw Materials



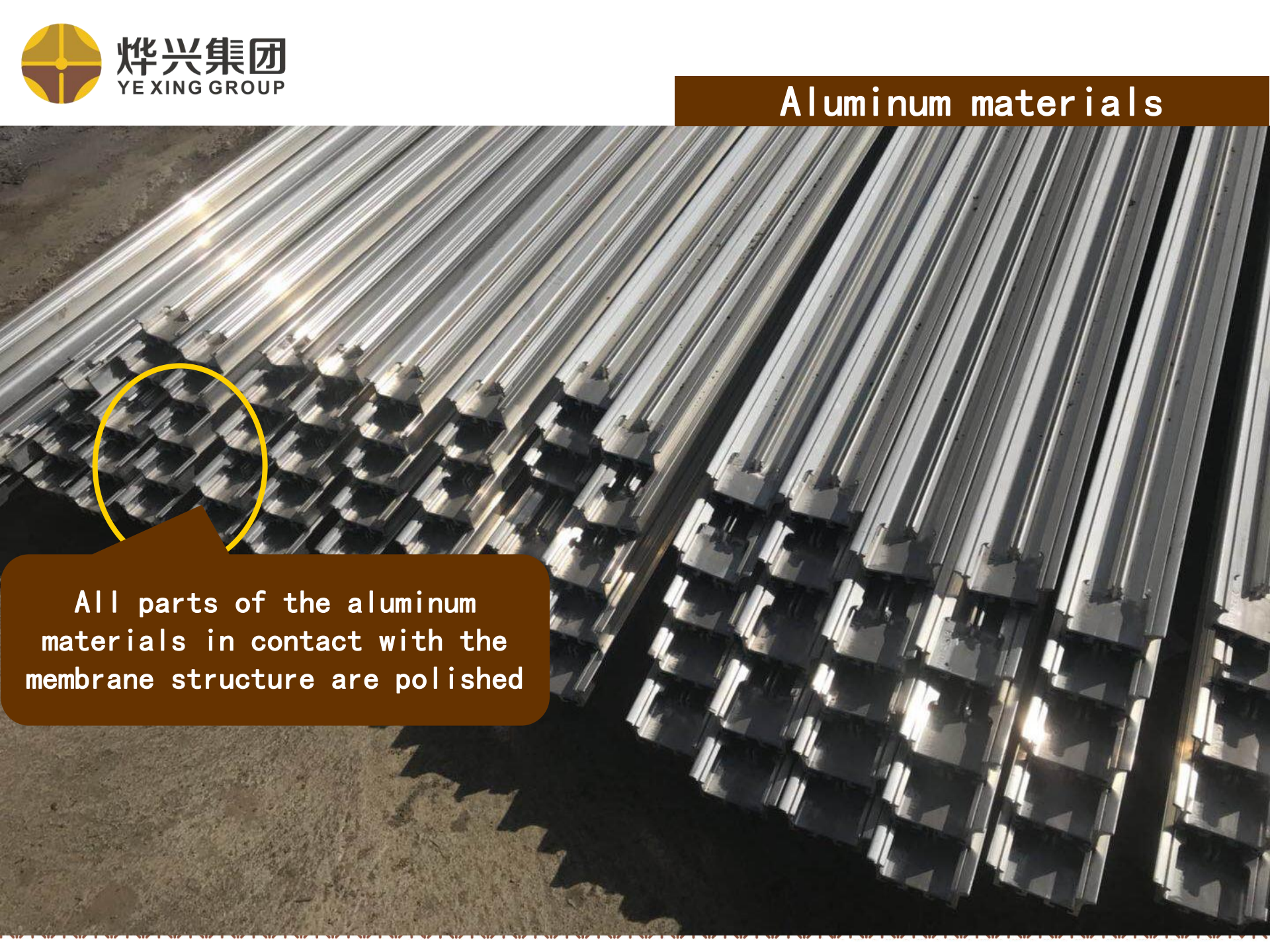
Aluminum profile



ETFE型材系统

转接件（如采用焊接，
转接件材料必须和主体结构材料一致）

纵向横向条件螺栓



All parts of the aluminum materials in contact with the membrane structure are polished

Materials Test

铝构件出厂合格证			资料编号	CN-HLJ0522-1	
工程名称	杭州湖滨银泰in77B区小广场增设雨棚工程		合格证编号	0522-1	
委托单位	深圳市烨兴膜结构工程有限公司		使用标准	GB5237.1-2008	
铝材料	6063-T6	加工日期	2019/8/25	出厂日期	2019/9/4
序号	构件	表面处理	数量	箱号	
1	UD UR CD CR KE	毛料	494	Box A2-1	
2	UT UX UF UY CT CX CF CY	毛料	94	Box A2-2	
Total			588		
备注:					
供应单位技术负责人			填表人		
邱永忠			黄群凤		
填表日期	2019年9月3日 星期二				

广东江晟铝业有限公司 GUANGDONG JIANGSHENG ALUMINIUM CO.,LTD 材质证明 (Material Certificate)

表格编号: Q08-QC-23

Reference No. 证书编码: JS19033023

Color 颜色: MILL Date 测试日期: 2019年3月30日
 section 型号: JH3319 Standards 标准: GB5237.1-2017
 Alloy 合金状态: 6063-T6 Order 订单号: ---
 Client 客户: 金昊 Contract 合约号: ---

Test Result测试结果				
Test Items 测试项目		Unit单位	Specs要求	Result结果
Chemical Analysis 化学成份	硅 (Si)	%	0.20-0.60	0.399
	镁 (Mg)	%	0.45-0.90	0.510
	铁 (Fe)	%	≤0.35	0.102
	铜 (Cu)	%	≤0.10	0.003
	锰 (Mn)	%	≤0.10	0.003
	锌 (Zn)	%	≤0.10	<0.010
	铬 (Cr)	%	≤0.10	<0.001
	钛 (Ti)	%	≤0.10	0.013
	镍 (Ni)	%	---	---
	铅 (Pb)	%	---	---
Mechanical Properties 力学性能	铋 (Bi)	%	---	---
	锆 (Zr)	%	---	---
	铝 (Al)	%	余量 (Rest of Composition)	余量 (Rest of Composition)
	Tensile Strength 抗拉强度	N/mm ²	≥215	233.1
Rigidity 硬度	Yield Strength 屈服强度	N/mm ²	≥170	190.4
	Elongation 延伸率	%	≥8	12.8
	Conclution 检验结论	≥13		
Qualified 合格				
Client 客户:				

此报告仅对本批产品的质量检测有效。

The result for this report is valid for the specific product above only.

质检员: QC02

Tested by:

核准:

Approved by:

中国广东省自由贸易试验区前海深港合作区11-12号

No. 41-12, Xuhui International Development Zone, Qishan, Guangdong Province, China

电话 (Tel): 0086-020-5286888 传真 (Fax): 0086-020-5286888

E-mail: info@jsheng.com.cn Http://www.jsheng.com.cn

Air Supply System



German Imported yexing@custom Gas Supply System



German Imported yexing@custom Gas Supply System





烨兴集团
YE XING GROUP

German Imported yexing@custom Gas Supply System



Silicone Strip Raw Material



Silicone Strip yexing@

Silicone strips matched with aluminum profiles produced by special molds



Silicone Strips Test Report



中国认可
国际互认
检测
TESTING
CNAS L1049

检 验 报 告

报告编号 2019(C)04041

样品名称 建筑门窗用密封条 (EPDM)

委托单位 江阴海达橡塑股份有限公司

检验类别 委托检验

国家化学建筑材料测试中心

材料测试部
测试专用章



江阴海达橡塑股份有限公司
JIANGYIN HAIDA RUBBER AND PLASTIC CO.,LTD.

产品质量证书

QUALITY CERTIFICATE

编号: HD-SZYX-20190726-1

单位名称:	深圳烨兴膜结构工程有限公司			
产品名称:	硅橡胶胶条 (灰色)			
物料编码:	0403Q-YXM-01			
图 号:	SZYX29164095			
数 量:	2000 m			
出厂日期:	2019-7-26			
检测项目		标准	实测	合格判定
扯断强度	MPa	≥7.5	8.8	合格
伸长率	%	≥300	310	合格
硬度	IRHD	46-55	49	合格
压缩变形 (100℃*22h)	%	≤35	15	合格
压缩变形 (-25℃*22h)	%	≤70	38	合格
经 100℃X168h 老化后				
扯断强度变化	%	≤-25	-30	合格
伸长率变化	%	≤-50	-60	合格
硬度变化	IRHD	-5~+10	+3	合格
臭氧老化 (50±5pphm)		无裂纹, 等级 0	0 级	合格
材料		硅橡胶	硅橡胶	/
兹证明上述产品经检验、试验, 符合 DIN 7863-1 2011 标准, 予以合格。				
检验员:	沈雅	审核员:	黄南芳	质量管理部 (盖章)

质量管理部
(盖章)
质量管理部

04-1-3

Process Control - Machinery

Intersecting Line Cutting



Sand Blasting and Shot Blasting Equipment





烨兴集团
YE XING GROUP

Sand Blasting and Shot Blasting Equipment



焊兴ETFE专项是唯一获得行业巨头德国泰克斯隆技术支持的厂家，拥有自主研发的自动化焊接技术，全球最大的ETFE膜材焊接设备，专业、高效的膜材加工能力是焊兴建设完美工程的重要保障。



Self-developed ETFE Automatic Cutting Equipment



Self-developed ETFE Automatic Cutting Equipment



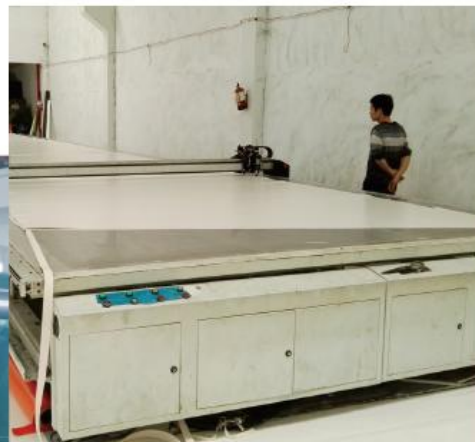
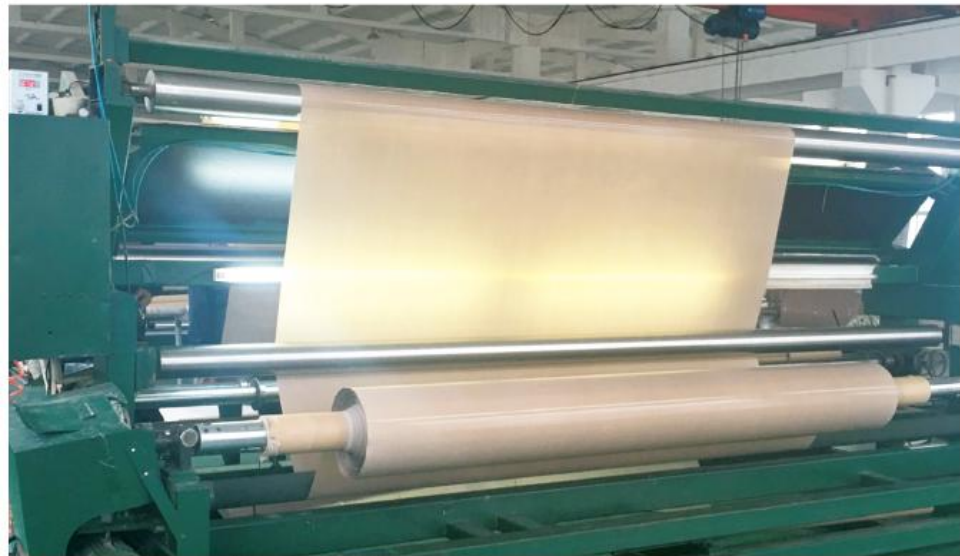
Self-developed automated welding equipment



PTFE工厂

PTFE Factory

烨兴的PTFE膜结构加工工厂拥有全套的自动化膜材检测、裁剪及焊接设备，每一卷膜材在加工使用之前都要经过严格的检测工序，剔除瑕疵，加上精确的裁剪及优质的焊接技术，能极大地提高膜材的使用寿命。



PTFE工厂 PTFE Factory

烨兴的PTFE膜结构加工工厂拥有全套的自动化膜材检测、裁剪及焊接设备，每一卷膜材在加工使用之前都要经过严格的检测工序，剔除瑕疵，加上精确的裁剪及优质的焊接技术，能极大地提高膜材的使用寿命。





烨兴集团
YE XING GROUP

PVDF、PTFE Self-developed automated welding equipment





Membrane Defect Detection Equipment





烨兴集团
YE XING GROUP

PVDF Membrane Welding Machine





PTFE Membrane Welding Machine



PTFE Membrane Welding Machine



Result-Oriented

Duration

Safety



Quality





烨兴集团
YE XING GROUP



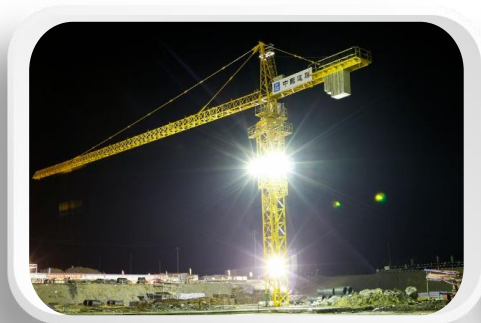


项目实施



Keep Safety

Tertiary Education
Safety Accountability



Rush Deadline

5+2
Day+Night



For Quality

Self-acceptance
Third party
Acceptance
Customer Acceptance





烨兴集团
YE XING GROUP

04-2-1

Project Implementation -
Safety





烨兴集团
YE XING GROUP

安全宣传栏



**进入施工现场
必须戴安全帽**

安全工作四不放过：

事故原因没有查清不放过；
事故责任者没有严肃处理不放过；
全体员工没有受到教育不放过；
防范措施没有落实不放过。

安全理念

1. 珍爱生命，播种幸福；
安全至上，善待人生；
生命只有一次，
健康是人生之本。
2. 勤动脑，手把牢，
安全带，要系好，
材料工具不坠落，
看管作业要减少。
3. 遵章守法，关爱生命；
安全生产，以人为本。
4. 安全第一，预防为主。
安全生产，人人有责！
5. 安全是最大的效益！
6. 安全为人人，人人讲安全。
7. 安全警句铭记在心，
远离危险平安永驻。
8. 麻痹导致事故，预防长在平安。
9. 亲爱的朋友，为了您和家人的
幸福，请千万牢记安全生产。

安全警句

1. 安睡情续来上脚，耳聪目明识隐患。
2. 心存侥幸万祸之源！
3. 有了警惕，不幸的事故就会躲开你。
有了防范，不幸的事故就会远离你。
4. 没有改变不了的坏环境，没有遏制
不了的事端。
5. 关在笼子里的老虎仍然是老虎，潜
伏的隐患仍然是事故的源头。
6. 缺乏安全知识的人，像事故一样可
怕，甚至比事故更可怕。
7. 老虎踞踞而卧，不惹向你致敬。
8. 潜伏的事故隐患，不是安全无事故
的表现。
9. 疏忽大意也是事故隐患，不要让小
隐患酿成大灾难。

安全措施

实施安全生产法
人人事事保安全

安全管理三要素

杜绝人的不安全行为
清除物的不安全状态
控制不安全环境因素

多防一步少出事故

这多防一步少出事
这多防一步少出事！



安全警示



安全警示 必须牢记



高处作业

高处作业
人员不得饮酒
和服用药物，以
免发生危险。
安全带——
救命绳！



施工作业人员 安全着装示意图



Safety Education



Safety Training



Safety Training





Safety Oath Ceremony





Safe Tertiary Education Commitment

(第一级) 安全教育记录

(适用于企业新入厂职工、转岗职工、复工职工)

姓名	性别	年龄	文化程度	工种	教育日期	教育地点	教育人
张德胜	男	25	高中	钳工	2023.10.10	车间	李师傅

教育内容:

1. 安全生产的重要性: 安全生产是企业发展的基础, 也是职工生命安全的保障。必须牢固树立“安全第一”的思想, 严格遵守各项规章制度, 杜绝违章作业。

2. 安全生产责任制: 明确各级管理人员、技术人员、操作人员的安全职责, 做到各司其职, 各负其责。

3. 安全生产法律法规: 学习《安全生产法》、《劳动法》等相关法律法规, 了解职工享有的安全生产权利和义务。

4. 安全生产操作规程: 学习本岗位的安全操作规程, 掌握正确的操作方法和安全注意事项。

5. 安全生产事故案例分析: 通过分析典型事故案例, 吸取教训, 提高安全意识。

6. 安全生产隐患排查: 学习如何识别和报告安全隐患, 掌握基本的应急处置方法。

7. 安全生产防护用品使用: 学习正确使用安全帽、安全带、防护眼镜等防护用品。

8. 安全生产奖惩制度: 明确安全生产的奖励和处罚规定, 激励职工积极参与安全管理。

9. 安全生产总结: 对本次安全教育进行总结, 明确下一步的安全工作要求。

10. 安全生产签字: 职工在安全教育记录表上签字, 表示已接受教育并承诺遵守安全规定。

教育人(签字): _____ 日期: _____

(第二级) 安全教育记录

(适用于企业新入厂职工、转岗职工、复工职工)

姓名	性别	年龄	文化程度	工种	教育日期	教育地点	教育人
王小明	男	28	大学	焊工	2023.10.11	车间	王师傅

教育内容:

1. 安全生产的重要性: 安全生产是企业发展的基础, 也是职工生命安全的保障。必须牢固树立“安全第一”的思想, 严格遵守各项规章制度, 杜绝违章作业。

2. 安全生产责任制: 明确各级管理人员、技术人员、操作人员的安全职责, 做到各司其职, 各负其责。

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10. 安全生产签字: 职工在安全教育记录表上签字, 表示已接受教育并承诺遵守安全规定。

教育人(签字): _____ 日期: _____

(第三级) 安全教育登记表

(适用于企业新入厂职工、转岗职工、复工职工)

姓名	性别	年龄	文化程度	工种	教育日期	教育地点	教育人
李小红	女	22	高中	普工	2023.10.12	车间	李师傅

教育内容:

1. 安全生产的重要性: 安全生产是企业发展的基础, 也是职工生命安全的保障。必须牢固树立“安全第一”的思想, 严格遵守各项规章制度, 杜绝违章作业。

2. 安全生产责任制: 明确各级管理人员、技术人员、操作人员的安全职责, 做到各司其职, 各负其责。

3. 安全生产法律法规: 学习《安全生产法》、《劳动法》等相关法律法规, 了解职工享有的安全生产权利和义务。

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6. 安全生产隐患排查: 学习如何识别和报告安全隐患, 掌握基本的应急处置方法。

7. 安全生产防护用品使用: 学习正确使用安全帽、安全带、防护眼镜等防护用品。

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教育人(签字): _____ 日期: _____





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Guigang High Speed Rail Station Project Named Behavioral Safety Star









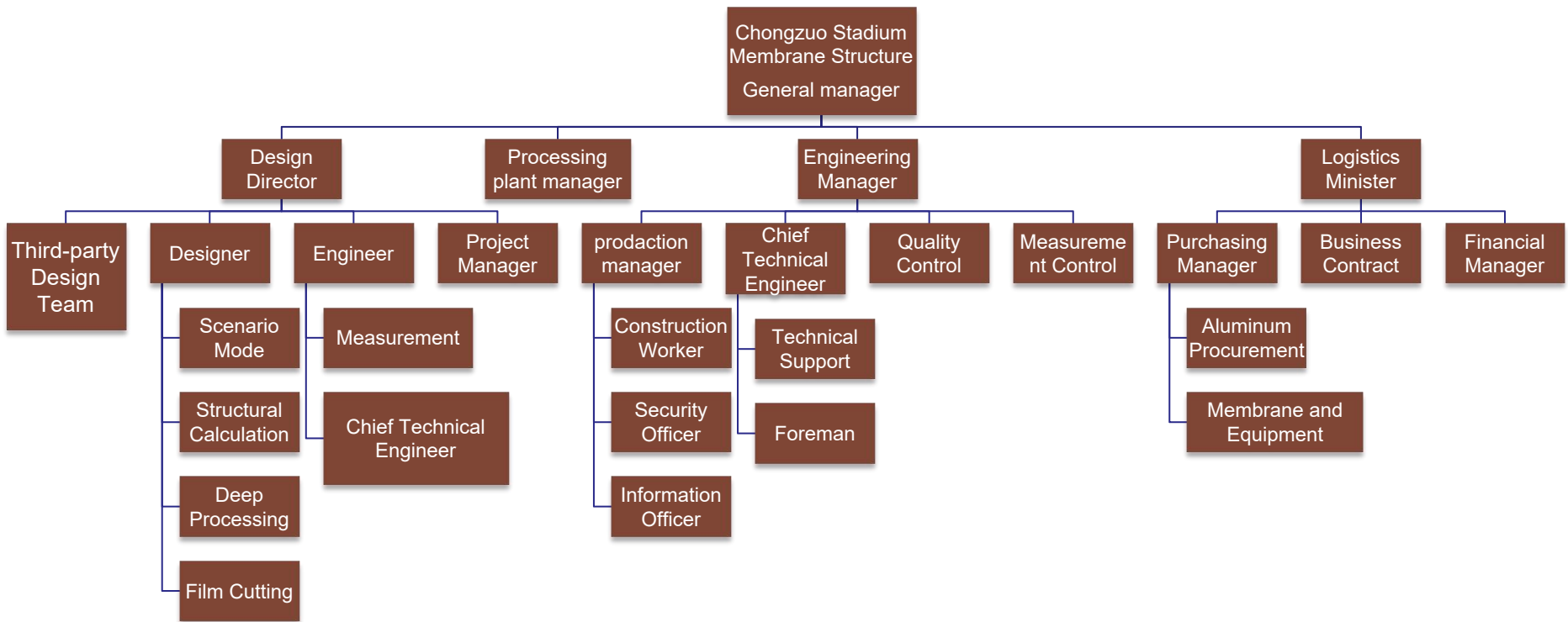
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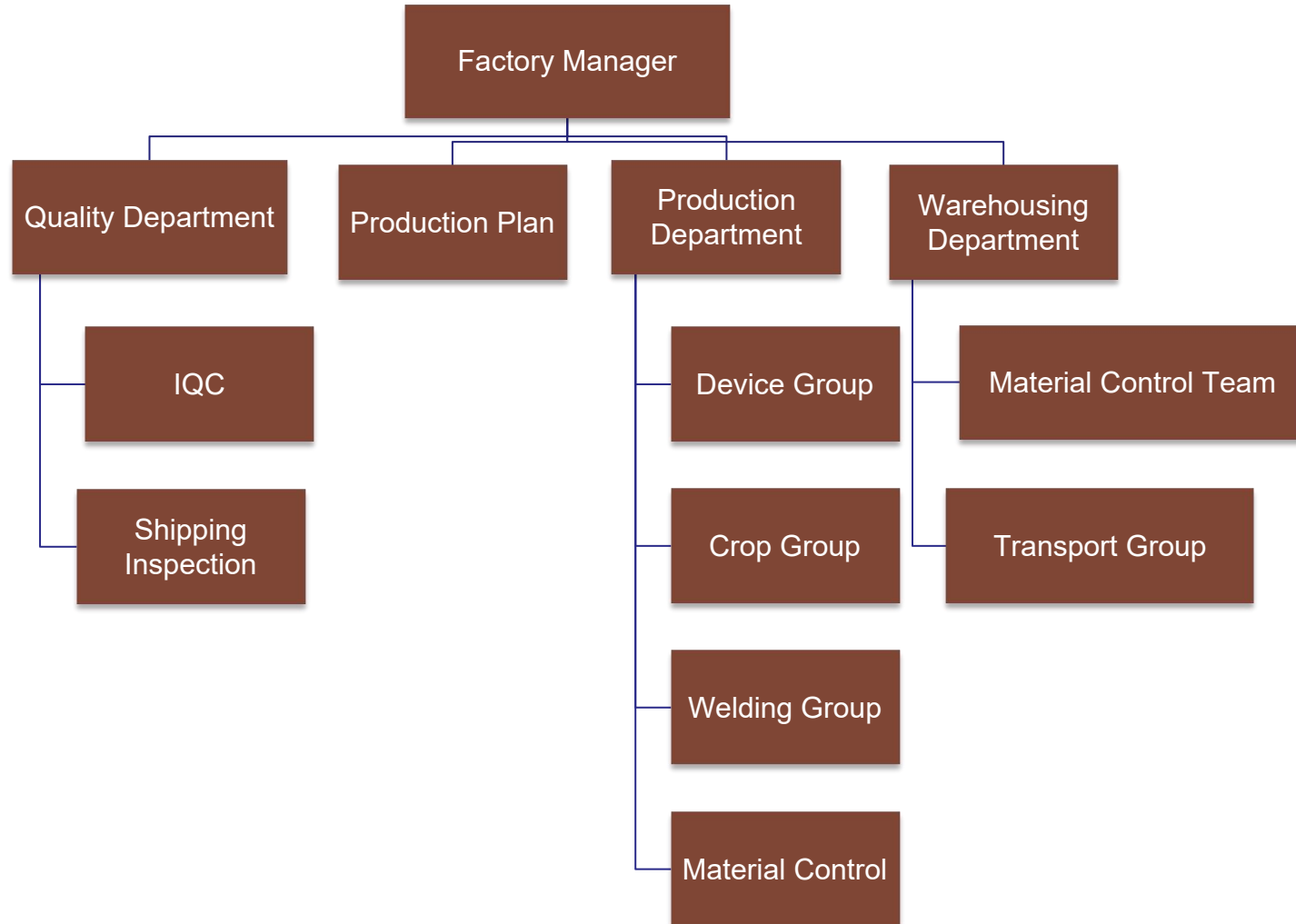
Project Implementation - Construction Period



Organization Chart of Chongzuo Project



Membrane Processing Factory Organizational Structure



Project Manager WeChat Group



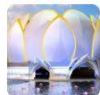
刘正伟



烨兴膜...



王维刚



李俊林



唐立松



黄小英



宋威山



张永强



杨帆



张胜进



赖华娟



陈启毅



方德强



王晓丽



livia



罗军-...



闫施工员



马艺力



群聊名称

崇左市体育中心膜结构项目 >

群二维码



群公告

未设置 >

聊天小程序



Nanchang Project Design Scheme

南昌县昌南体育中心工程体育场 膜结构安装施工组织设计方案

编制人：张远强

审核人：王维刚

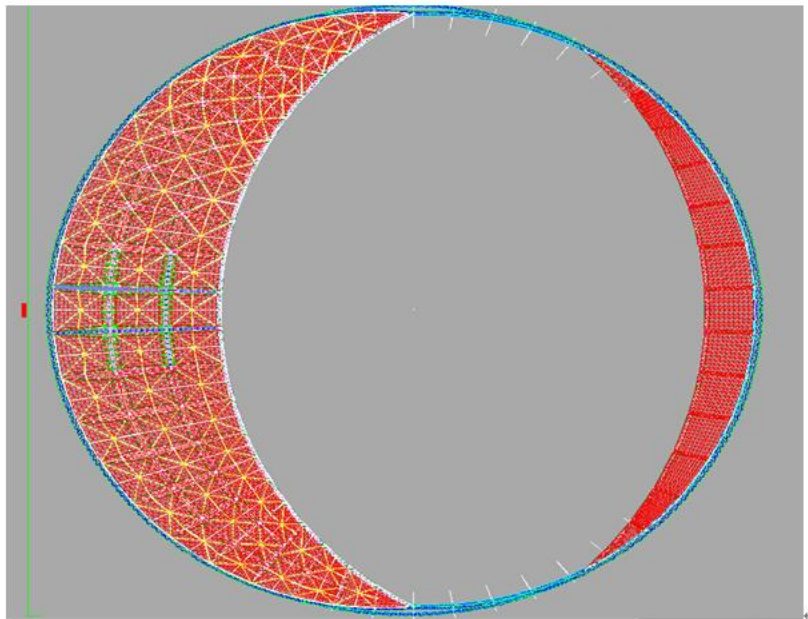
审批人：王维强

编制单位：深圳市烨兴膜结构工程有限公司

日期：二〇一五年十一月

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膜结构总体平面图



三、施工部署

本工程项目安装范围包括膜结构方案设计、膜结构安装、膜材料供应、施工现场平面布置图见附图。

3.1 施工组织机构

总工程师：王维强

专项施工负责人：张远强

技术员：王维刚、赖华海

3.2 技术准备

3.2.1 膜结构施工前，必须熟悉设计施工图、有关技术资料与施工验收规范的技术要求。编制施工预算、工程进度计划与施工方案，制定材料供应、机具配备与劳动力需求计划，确保工程顺利开工。

3.2.2 按设计施工图进行结构索、膜材预制工作，必须按照设计坐标、标高位置进行测量，固定牢

3.2.3 为保证膜安装正确，须做好与钢结构、土建、装饰施工单位的配合，及时掌握钢结构高度、水平基准线、做好膜材的安装敷设，确保钢结构预留的坐标、标高符合验收规范。

3.2.4 工长结合本施工方案，编制具有可操作性的技术交底，指导工人施工。施工人员须经过膜安装的技术培训。

3.2.5 加工定货计划

各类主要材料、构件、成品、半成品、机器加工定货计划和分阶段进场时间应满足施工进度需求。

按照施工计划及时与甲方、监理看货定货，进场材料要有相应检测报告（尤其有关环境保护、环境污染方面），应检验的必须及时送检。施工中主要材料及主要设备按进度计划及时进场。具体进场日期详见附表——主要材料加工定货计划表，时间节点表。

3.3 人员、材料、物资准备

3.3.1、劳务层管理及分工

表 3-1

序号	姓 名	职 务	岗位职责
1	谢创奇	项目经理	施工现场总负责
2	王维刚	技术负责	负责施工中的技术协调
3	李天生	安全员	负责施工中的安全管理

3.3.1、劳动力安排

采用有相应资质的专业施工队伍进行施工，人数根据施工总进度计划的工期实际确定。

表 3-2

人员准备

工 种	数 量	主要工作	进场时间
测量	3	测量定位	2016.1.9
吊车	4	吊车指导等	2016.1.9
操作工	32	高空作业	2016.1.9
杂工	6	辅助地面工作	2016.1.9
电工	1	协助现场接电	2016.1.9

3.3.2 现场机具准备

表 3-3

施工机具设备一览表

序号	名 称	规格	数量	单位	备注
1	电钻		14	台	交直流
2	全站仪		2	台	

2. 工程特点、重点分析及对策

细致入微的服务意识、专业化的管理和良好的品牌形象，抓住工程的特点和重点部分，采用有的放矢的施工对策，提高工程的功能质量和环境质量，将本工程创建为精品工程，最大程度的为业主做好服务。根据招标文件、工程图纸、现场踏勘和我单位同类工程施工经验，对本工程特点、重点部分的认识和我单位拟采取的施工对策如下：

2.1 现场受结构限制多，要根据具体情况选择最佳的吊装方法

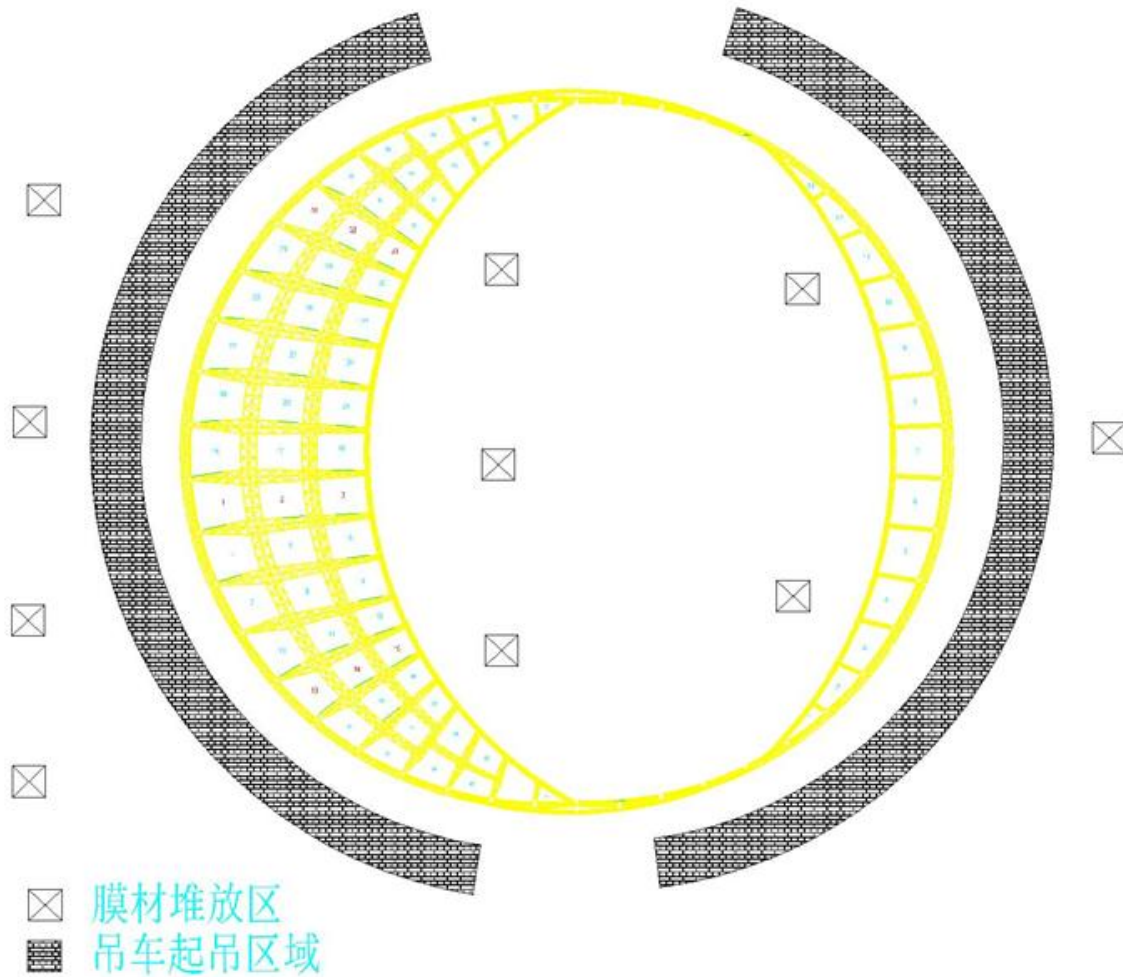
现场受场地限制多，要根据具体情况选择最佳的吊装方法：在原有钢构上安装，钢构最高点 40.8 米，吊装膜材（飞柱和膜材）长度 15.6 米，吊车吊膜材不能低于 66.4 米，对于吊膜材吊装设备的选择是本工程施工中的又一个难点。

施工对策：

（1）根据进入现场后的实际情况，对于大型吊车的布置与行走路线，同时充分考虑安全等因素，采取大型吊车 260 吨汽车吊方法解决。



Nanchang Project Site Area Division Map



Nanchang project construction period plan and measure plan

3. 工期计划及保证措施

(钢结构 1—1.1—4) 膜结构安装时间节点表									
项目：南昌体育中心膜结构工程									
施工单位：深圳市烨兴膜结构工程有限公司									
1—1 区	测量时间（以钢结构完成时间开始		出图，加工，运输时间		膜安装时间		结构索定制到工地时间段		备注
轴线对应的膜结构框架	计划完成	实际完成	计划完成	实际完成	计划完成	实际完成	批次	到达时间	
FZ1-7	1.11---1.12	1.20	1.13---1.24	2.17	1.29---1.31	3.10	第一	2.17	样板膜
2.4.6.8.10.12 轴	3.12---3.16	3.16	3.20---4.18	4.08—4.18	4.15---4.26		第二	4.14---4.22	
2、95、93、91 轴			3.26---4.23		4.26---5.03		第三		
91 至 73 轴 12 至 24 轴	3.30---4.28		4.24—5.25		5.04—5.31		第四		
1—4 区	测量时间（以钢结构完成时间开始		出图，加工，运输时间		膜安装时间		备注		
轴线对应的膜结构框架	计划完成	实际完成	计划完成	实际完成	计划完成	实际完成			
1-2.1-4.1-6.1-95.1-93.1-91 轴	5.03—5.14		5.14—5.28		6.01—6.10				
剩下的膜	5.15—5.22		5.29—6.08		6.11—6.15				

本工程总工期为 164 个日历天，开工日期为 2016 年 1 月 11 日，竣工日期为 2016 年 6 月 22 日。

6 月 10 日到 6 月 22 日，防水、清理、调整、自检；6 月 20 日到 6 月 22 日，组织人员验收、转交甲方。

备注：此时间表在对应钢结构完成后才能进行

1. 在正常时间条件下（天气，用电等），工期内完成的时间节点表。



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Project Management Sheet

膜材安装台账

序号	安装时间	膜材编号	备注	序号	安装时间	膜材编号	备注
1	2016.3.15	7		41	2016.5.26	1F-9	
2	2016.4.12	13		42	2016.5.26	1F-12	
3	2016.4.13	8		43	2016.5.27	1F-13	
4	2016.4.14	14		44	2016.5.27	1F-14	
5	2016.4.16	9		45	2016.5.27	1F-15	
6	2016.4.16	16		46	2016.5.28	1F-11	
7	2016.4.17	11		47	2016.5.28	1F-13	
8	2016.4.17	15		48	2016.5.29	215	
9	2016.4.18	17		49	2016.5.29	218	
10	2016.4.18	18		50	2016.5.29	219	
11	2016.4.21	6		51	2016.5.30	221	
12	2016.4.22	4		52	2016.6.4	216	
13	2016.4.24	3		53	2016.6.5	212	
14	2016.4.24	2		54	2016.6.5	214	
15	2016.5.2	10		55	2016.6.5	217	
16	2016.5.3	1		56	2016.6.6	32	
17	2016.5.8	9		57	2016.6.7	36	
18	2016.5.9	12		58	2016.6.8	35	
19	2016.5.9	F5		59	2016.6.8	34	
20	2016.5.10	F10		60	2016.6.9	33	
21	2016.5.10	F6		61	2016.6.10	1F-8	
22	2016.5.12	22		62	2016.6.10	1F-4	
23	2016.5.12	211		63	2016.6.13	F3	
24	2016.5.13	23		64	2016.6.15	F1	
25	2016.5.13	24		65	2016.6.17	315	
26	2016.5.14	26		66	2016.6.18	F2	
27	2016.5.16	39		67	2016.6.17	31	
28	2016.5.17	38		68	2016.6.18	32	
29	2016.5.19	25		69	2016.6.18	314	
30	2016.5.19	27		70	2016.6.19	315	
31	2016.5.19	37		71	2016.6.19	316	
32	2016.5.21	310		72	2016.6.20	317	
33	2016.5.21	21					
34	2016.5.22	311					
35	2016.5.22	312					
36	2016.5.22	29					
37	2016.5.22	31					
38	2016.5.24	33					
39	2016.5.24	313					
40	2016.5.25	1F-17					

编制人: 张永明

审核人: 张永明

深圳市烨兴膜结构工程有限公司

贵港高铁站前雨棚工程工作日报

日期:

2019年5月19日

天气

晴

温度

35℃

有风 (1级左右)



工程日报照片

序号	作业事项	人数	总量	本日完成量	累计完成量 (或百分比%)	剩余量 (或 百分比%)	备注
1	雨棚3的1/2加焊	5	100%	10%	90%	10%	王桂峰 杨克元 王宝坤 曾航
2	对口、拼接雨棚3 (1/2)	4	100%	50%	100%		
3	打磨、除锈、补漆、喷漆	5	100%	10%	30%	70%	
4	铆雨棚3 (1/2) 树杈	5	100%	10%	35%	65%	
5							

施工任务

质量控制

明日计划

雨棚3加焊

1. 加焊满足图纸要求。
2. 焊接满足图纸要求。
3. 油漆干膜厚度满足图纸要求，无流珠。

打磨、除锈、补漆

1. 拼装树杈
2. 拼装立柱下面辅助起吊框架
3. 打磨、除锈、补漆

安全员

曾航

填表责任人

王桂峰

人机料与工期的
适配情况

需要公司解决的问题

材料计划完成情况



Factory Daily Report

钢结构加工厂每日报告

项目名称: 广西大学网球场钢结构加工		
杆件名称: 2HJ-23, 2HJ-24, 2HJ-25, TGHJ-12, TGHJ-14, TGHJ-15, TGHJ-16		
杆件材料: $\phi 219 \times 5$, 89 \times 3, 165 \times 5, 封板: t6		
	图纸要求	实测结果
管内壁厚度:	219 \times 5, 89 \times 3, 165 \times 5, 封板: t6	219 \times 5, 165 \times 5, 89 \times 3, 封板: t6
杆件长度:	2HJ-23-25: 18450 TGHJ-12: 管长 8200 TGHJ-14-16: 8000	2HJ-23-25: 18177 TGHJ-12: 7927, TGHJ-14-16: 7727 TGHJ-12: 7927, TGHJ-14-16: 7727
外观结果:	无滑	无滑
抛丸除锈:		
已抛丸除锈		
切割口类型: 相贯线机切割/人工切割 TGHJ-两边相贯线, 2HJ-8弯管-一边相贯线		
焊接结果:		
满焊		
油漆:	底漆厚度: 2喷边底漆	
	中间漆厚度: 未喷	
	面漆厚度: 未喷	
备注:		
加工厂监督人签字: 马德强. 日期: 2018.11.27		

Management Weekly Report

贵港项目工程周报

工程名称	贵港市高速铁路客运站站前广场 1/J-T 轴工程(二期)雨棚工程	报告周期	2019年3月25日—2019年4月1日
项目地点	贵港高铁站	项目经理	王桂峰
报告单位	贵港高铁项目部		

1. 工期/进度分析

上周计划内容	计划完成情况	实际完成情况	影响项目原因	纠偏措施	本周计划内容
雨棚一吊装	完成 1/2	完成 1/2	场地受安全限制	晚上 11 点之后吊装	吊装剩余 1/2, 防火涂料
雨棚二吊装	完成 1/2	完成 1/2		晚上 11 点之后吊装	吊装剩余 1/2, 防火涂料
雨棚三	加工, 焊接	100%	雨天	晚上加班	拼接
雨棚四	加工, 焊接	100%	雨天	晚上加班	拼接
雨棚五	加工, 焊接	100%	雨天	晚上加班	拼接
雨棚六	加工, 焊接	100%	雨天	晚上加班	拼接

2. 人材机供应统计及计划

材料名称	使用部位	上周计划进场量	本周计划进场量	劳动力工种	人数	大型设备	数量	备注
天沟	雨棚五	1 车		木工	2	25T 吊车	1	
油漆	防火涂料			焊工	17			现场等待油漆
				管理人员	4			

3. 质量控制/文明施工情况

上周质量控制情况及本周质量控制要点	上周文明施工情况及本周文明施工要点
<p>1. 上周重点: 总包生产例会强调安全: 进行吊车指挥手势交底。</p> <p>2. 本周重点: 吊车在吊构件时, 注意构件倾斜角度, 尤其是构件在人行通道上空注意过往车辆及人员的安全</p>	<p>1. 上周重点: 总包生产例会强调现场电缆必须摆放整齐, 注意设备用电规范</p> <p>整改通知单【2019 改 9】, 绝缘手套, 电缆挂杆</p> <p>2. 本周重点: 班组长必须随时巡查, 电缆摆放整齐, 按规范做到一闸一设备。</p>

4. 内业及相关资料

总述	整体按照总包要求报审相关资料	
上周送审材料	完成情况	本周计划送审材料
1. 焊接检验批	已报总包, 完成报审	1. 【2019】改 9 回复单
2. 整改通知单【2019 改 678】	按时回复	2. 化学锚栓报审
3. 安全资料	按时报审	3. 钢板报审
		4. 天沟油漆报审

5. 上周天气情况

贵港	2019-03-31(星期日)	大雨	东北风 3-4 级	27°C	中雨
贵港	2019-03-30(星期六)	晴	东风 1-2 级	26°C	小雨
贵港	2019-03-29	阵雨	东风 1-2 级	27°C	多云
贵港	2019-03-28	多云	南风 1-2 级	26°C	阵雨
贵港	2019-03-27	阴	南风 1-2 级	25°C	多云
贵港	2019-03-26	阵雨	南风 1-2 级	21°C	多云
贵港	2019-03-25	多云	北风 1-2 级	19°C	多云

4. 需要公司协助事项

1. 天沟, 油漆
2. 备用金

上周施工形象图



贵港项目工程月报 (4月)

<div>3月19塔吊一完成安装</div> <div></div>	<div>南港五加工完成50%</div> <div></div>	<div>质量整改通知书 (累计1份)</div> <table><tr><th>序号</th><th>质量问题</th><th>备注</th></tr><tr><td>1</td><td>脚手架必须严格按规范搭设</td><td>按时整改并闭环</td></tr></table>	序号	质量问题	备注	1	脚手架必须严格按规范搭设	按时整改并闭环	<table><tr><th>现场人员</th><th>数量</th><th>机械/设备</th><th>数量</th><th>材料/进场</th><th>数量</th></tr><tr><td>管理人员</td><td>4</td><td>25T吊钩</td><td>1-2台, 视乎施工进度情况而定</td><td>天沟</td><td>1车</td></tr><tr><td>焊工</td><td>2</td><td>100A电焊机</td><td>2台</td><td>钢筋</td><td>2车</td></tr><tr><td>木工</td><td>18</td><td>5T手拉葫芦</td><td>10个, 视乎施工进度情况而定</td><td>材料, 煤气, 乙炔</td><td>若干</td></tr></table>	现场人员	数量	机械/设备	数量	材料/进场	数量	管理人员	4	25T吊钩	1-2台, 视乎施工进度情况而定	天沟	1车	焊工	2	100A电焊机	2台	钢筋	2车	木工	18	5T手拉葫芦	10个, 视乎施工进度情况而定	材料, 煤气, 乙炔	若干
序号	质量问题	备注																															
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<div>4月15塔吊二完成安装</div> <div></div>	<div>南港三加工开始, 紧前工序为塔吊四</div> <div></div>	<div></div> <div>总包管理人员现场检查施工质量</div>	<div>现场人员</div> <div></div> <div>现场卸料</div> <div></div>																														
<div>4月24南港四完成安装</div> <div></div>	<div>南港六加工完成50%</div> <div></div>																																
工期/进度	质量	人材机																															

<div></div> <div>安全教育早会 (每天进行, 晨会抽查)</div>	<div>往来文通目录</div> <table><tr><th>序号</th><th>文件性质</th><th>完成情况</th><th>备注</th></tr><tr><td>1</td><td>工程联系单</td><td>已更新至020</td><td>018, 019 待回复</td></tr><tr><td>2</td><td>材料报审</td><td>油漆已完成第一车报审</td><td>本周计划报第二车</td></tr><tr><td>3</td><td>整改回复</td><td>按时回复</td><td></td></tr><tr><td>4</td><td>各请会议纪要</td><td>齐全</td><td></td></tr></table> <div>工程计量</div> <div>1. 2月计量, 总包已签合同批复。</div> <div>2. 3月计量, 已按时报审总包。</div> <div>3. 2月人工费, 总包已全部发放。</div>	序号	文件性质	完成情况	备注	1	工程联系单	已更新至020	018, 019 待回复	2	材料报审	油漆已完成第一车报审	本周计划报第二车	3	整改回复	按时回复		4	各请会议纪要	齐全		<div>存在问题:</div> <div>1. 安全隐患整改通知累计5份, 主要问题集中</div> <div>◆ 没有佩戴绝缘手套</div> <div>◆ 电线外绝缘破皮</div> <div>◆ 氧气明火距离不符合规范要求</div> <div>改进问题计划</div> <div>◆ 每天下班前再进行安全教育</div> <div>◆ 加强现场巡查, 及时发现问题, 立刻整改</div>
序号	文件性质	完成情况	备注																			
1	工程联系单	已更新至020	018, 019 待回复																			
2	材料报审	油漆已完成第一车报审	本周计划报第二车																			
3	整改回复	按时回复																				
4	各请会议纪要	齐全																				
安全	内业	存在问题及改进计划																				

General contract coordination meeting



Production meeting



Company leaders came to the scene to supervise



Construction work of membrane material under scorching sun



Rushing to work in the rain





2019年9月

27

03:05

04-2-3

Project Implementation - Quality

Membrane Quality Control





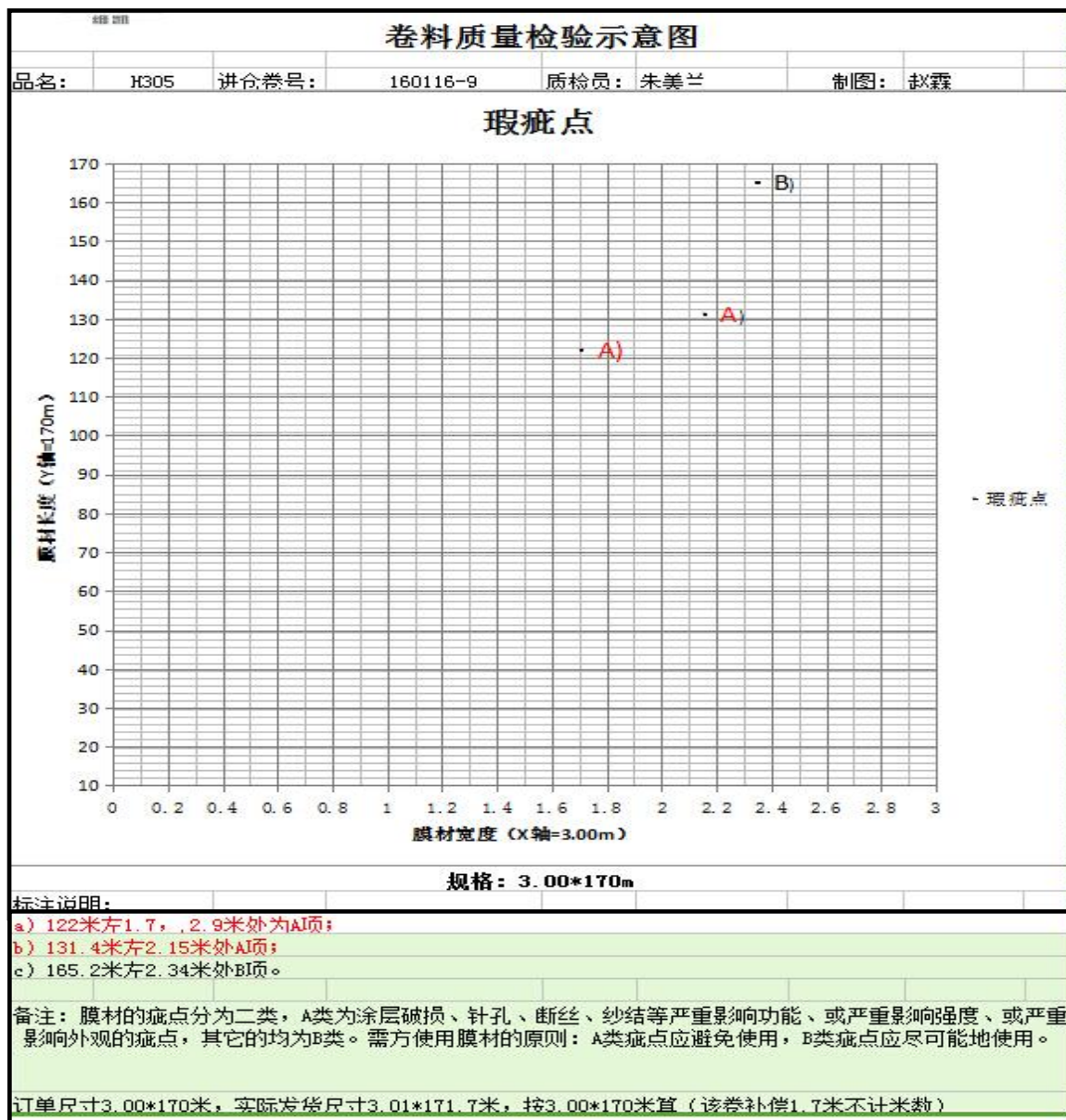
烨兴集团
YE XING GROUP

Membrane inspection and sampling



Membrane defect detection







烨兴集团
YE XING GROUP

Membrane tensile test



膜材 检测：

膜材实验测试





烨兴集团
YE XING GROUP

Membrane tensile test

膜材抗拉力测试：

用专业的测试机检测膜材的抗拉力。

膜材 检测：

本项目膜材：

厚度：0.65~1.0mm

经纬向抗拉强度：

6400/6000 N/5cm



Membrane tensile test report



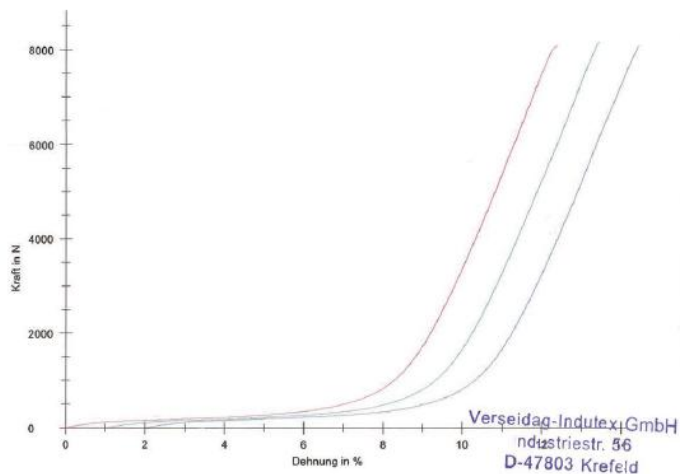
Prüfprotokoll

28.11.2017

Qualität : B18059
Baum Nr. : 1413255 A04
Farbe : 143
Prüfer : Frau Schmitz/Frau Völkert
Geschwindigkeit bis Prüfungsende: 100 mm/min
Probenbreite : 50 mm

Ergebnisse:

		Fmax	Fadenrichtung	Bruchdehnung	Bruchbild	dL(2000 N)
Legende	Nr	N		%		%
	1.1	8079,5	Schuß	6,8	Gewebe	3,96
	1.2	8157,8	Schuß	6,7	Gewebe	3,94
	1.3	8061,0	Schuß	6,7	Gewebe	3,98



Statistik:

Unterserie 1	Fmax N	Bruchdehnung %	dL(2000 N) %
n = 3			
x	8032,8	6,7	3,96
s	63,1	0,0	0,02
x - 2s	8106,6	6,7	3,93



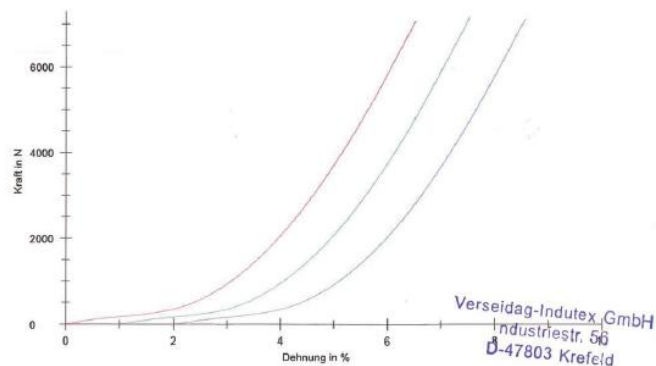
Prüfprotokoll

28.11.2017

Qualität : B18059
Baum Nr. : 1413255 A04
Farbe : 143
Prüfer : Frau Schmitz/Frau Völkert
Geschwindigkeit bis Prüfungsende: 100 mm/min
Probenbreite : 50 mm

Ergebnisse:

		Fmax N	Fadenrichtung	Bruchdehnung %	Bruchbild	dL(2000 N) %
Legende	Nr					
	1.1	7073,4	Kette	11,9	Gewebe	9,20
	1.2	7172,1	Kette	12,0	Gewebe	9,25
	1.3	7112,3	Kette	12,0	Gewebe	9,25



Statistik:

Unterserie 1	Fmax N	Bruchdehnung %	dL(2000 N) %
n = 3			
x	7119,3	12,0	9,23
s	49,7	0,0	0,03
x - 2s	7019,8	11,9	9,17



烨兴集团

The owner and Yexing entrust a third-party inspection report



中国认可
国际互认
检测
TESTING
CNAS L4807

检 验 报 告

No 2019-W-571

样品名称* ETFE 建筑膜材

委托单位* 深圳市烨兴膜结构工程有限公司

检验类别 委托检验

北京市塑料制品质量监督检验站



中国认可
国际互认
检测
TESTING
CNAS L4807

检 验 报 告

No 2019-W-574

样品名称* ETFE 建筑膜材

委托单位* 中建三局第一建设工程有限责任公司

检验类别 委托检验

北京市塑料制品质量监督检验站



Aluminum Profile Node



ETFE Membrane structure aluminum profile processing



ETFE membrane structure aluminum profile processing



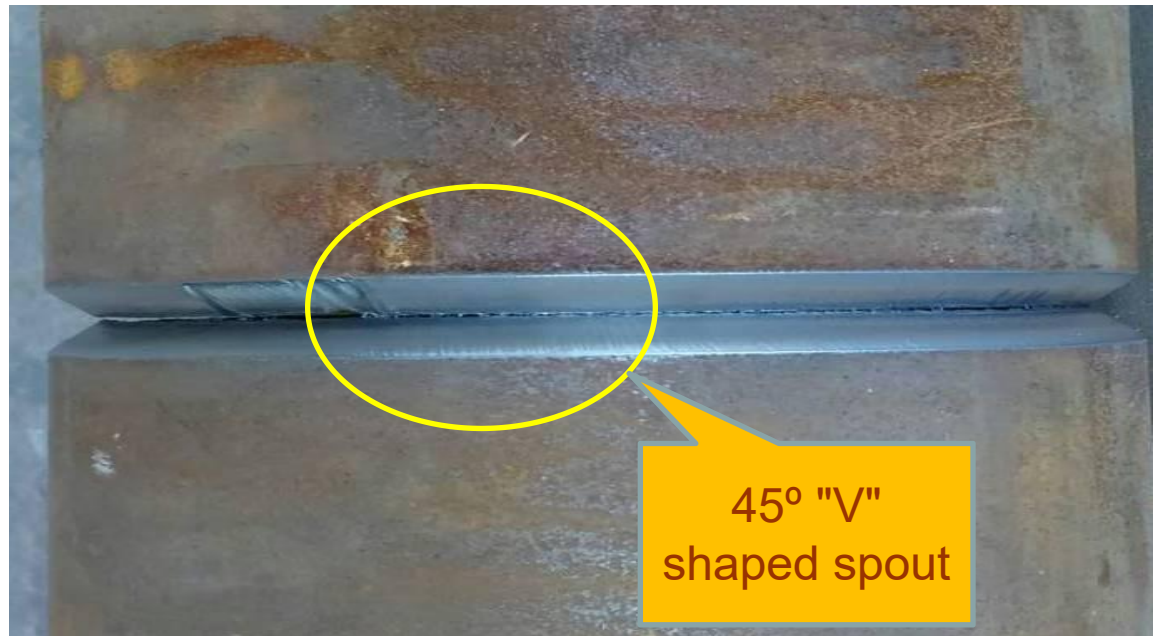
Steel Structure Node



Intersecting line cutting section



Node Cut Criteria



45° "V"
shaped spout





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YE XING GROUP

Processing standard of steel components



Processing standard of steel components



Processing standard of steel components



Sand blasting standard





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YE XING GROUP



Surface spray standard



Membrane Completion Node



Different Membrane Nodes



Different Membrane Nodes



General Manager witnessed the film bearing





烨兴集团
YE XING GROUP

High-strength membrane bearing





烨兴集团
YE XING GROUP

Invited German experts for technical
exchange



Invite German experts for technical exchange



Design Director Project Acceptance



Internal Acceptance Results



Project Name: Guiyang Cigarette Factory
Membrane Structure Carport
Project Area: 13500 Square meters
Project Time: September, 2015~ March, 2016;

Engineering Structure: tensioned cable-membrane structure;
Engineering Steel: the combination of high-frequency welded pipe and seamless welded pipe of Q235B material specification, the service life is 50 years;
Engineering Membrane Material: imported PTFE permanent membrane material, with a 20-year warranty.



05-Customer Testimonials

表 扬 信

致深圳市烨兴膜结构工程有限公司：

由贵公司承接的上海浦东足球场膜结构项目，自开工以来，特别是抢节点期间，得到贵公司的高度重视和配合，在项目部全部人员的共同努力下，保质保量保安全地完成了节点目标。

在整个工程建设过程中，我司看到了贵司对本项目的全力投入，对安全生产的高度重视，项目经理和项目技术负责人对项目的严谨态度和工作热情，项目所有参建员工的拼搏精神。并为之感动。

在施工的关键时期，面对施工现场施工单位多，施工场地复杂，天气条件恶劣，吊装难度大，诸多不利条件，贵司领导多次亲临现场指导工作，协调各方面的资源，解决工程的各项困难，组织分配劳务资源。

贵司项目部在施工过程中，一直积极配合业主、我司、监理的安全管理监督工作，在保证安全的前提下，全力推进工程进度并保证工程质量。保证无重大安全事故和质量事故，是几家参建单位的标杆。

在此，我代表上海建工机施集团浦东足球场项目部对贵司浦东足球场项目管理团队表示由衷的感谢。希望贵司一如既往地支持本工程建设，圆满完成后续工作。

最后祝贵司事业蒸蒸日上，愿双方合作愉快。



致深圳市烨兴膜结构工程有限公司：

由贵司承建的贵港高铁站 ETFE 雨棚项目自开工以来，在贵司的高度重视和配合，项目部全体人员的共同努力下，保质、保量、保安全地完成了节点目标。

在工程建设过程中，我方看到了贵司对本项目安全生产的高度重视。

在施工的关键时期，面对贵港高铁站进出口施工现场条件复杂、工期紧张、施工难度大、周边环境复杂等诸多不利因素。贵司领导多次亲临现场指导工作，积极协调各方、解决技术难题、组织分配劳务资源。

与此同时，贵司一直积极配合业主和我司的安全管理监督工作，在跟进进度的同时严把质量安全关。不仅确保杜绝安全生产事故目标实现，也成为贵港高铁项目有力保障，是参建单位的标杆。

在此，我代表中建三局一分公司公司对贵港高铁雨棚项目管理团队表示由衷的感谢，希望贵司一如既往地大力支持本工程建设，继续发扬优良作风，圆满完成后续工程。

最后祝贵司事业蒸蒸日上，愿双方合作愉快！

中建三局一分公司

表扬信

致深圳市烨兴膜结构工程有限公司：

在“中山公园门球场台风破坏修缮工程”项目的钢结构和膜结构施工中，面对的工期紧张、场地受限、以及与其他班组交叉作业的问题，贵公司积极的应对，做出了合理的安排，和我方有效的沟通和协调，得到了很好的解决。

在施工过程中保证了安全第一、严格把控施工质量关、按照我方合同要求的施工工期、优质、高效、出色的完成了施工任务。得到了业主和监理单位及我方的认可，且发扬了诚信履约的合同精神，在此，予以表扬。

贵公司对我方工作的大力支持，在我方要求的时间节点内提前完工，为我方年前规划的施工任务赢得了宝贵的时间，我们深表感谢！

希望贵司继续发扬优良专业的工作作风、诚信履约的合同精神。

在此，特向贵公司各级领导、项目员工及全体施工人员表示衷心的感谢和真诚的问候。最后祝愿贵公司在新的一年里更上一层楼、再接再厉、再创辉煌！

深圳市易诺建设工程有限公司

2020年1月13日



崇城投函〔2018〕104号

**崇左市城市建设投资有限责任公司
关于广西壮族自治区第十四届少数民族传统
体育运动会成功举办的感谢函**

深圳市烨兴膜结构工程有限公司：

广西壮族自治区第十四届少数民族传统体育运动会（以下简称“民运会”）已于2018年10月24日在崇左市体育中心隆重开幕，10月30日圆满闭幕。本次民运会是历届规模最大，参与人数最多的一届，也是崇左市成立地级市15年来举办自治区级别规模最大的一次盛会。在本届民运会开闭幕及比赛期间，体育中心各场馆及室外工程均经受住考验。供电、供水、照明、通风、建筑智能等重要设备系统均未出现重大故障，也未发生影响运动会进程的突发事件。这些成绩的取得，凝结了贵公司砥砺奋进、协力攻坚的心血和汗水。在此，我公司向贵公司的领导班子及员工表示衷心的感谢，您们辛苦了！

今年，正值我国改革开放40周年，广西壮族自治区成立60周年，也是崇左市建市15周年。真诚期待各参建单位一如既往地关心和支持崇左市体育中心项目的建设，我们将继续与贵公司一起携手前行，力争完成各场馆的竣工、验收、交付等工作。



烨兴集团
YE XING GROUP

全力做好“两篇大文章”，打好“四大攻坚战”，奋力谱写崇左发展新篇章。

崇左市城市建设投资有限责任公司

2018年10月31日



Customer witness



Customer of roof membrane structure in Sharm El Sheikh, Egypt

Comments: Yexing is an excellent one-stop service of steel structure and membrane structure engineering design, production, construction, material and equipment procurement, and we are very satisfied with this cooperation. I hope Yexing company can have better development and updated design, and we will continue to cooperate in the future.

Customer witness



Brunei Royal Clients

Comments: I am very happy to cooperate with Yexing Membrane Structure Co., Ltd. When I think about the first time I asked you to confirm cooperation, I was very worried and felt a great responsibility. I was afraid that our boss would not be satisfied. Now that the project is completed, everyone has responded very well, and the boss also Satisfied, I am relieved, thank Yexing Membrane Structure Co., Ltd.

Customer witness



Ethiopian Saitan Construction Boss

Comments: We were introduced by a listed company in China, and then we found you. Of course, I also found other membrane structure companies in China, from Beijing to Shanghai, and then to Shenzhen. I feel that I am very sincere with you and do things very well. Practical, so I am very relieved to do this project for you, of course, this is just the beginning of our cooperation.....

Customer witness



Mauritius customers

Comments: I am very grateful to Yexing for providing structural optimization for my spherical structure, which is more beautiful and effective in reducing steel consumption and installation. I am also happy to be a partner of Yexing to develop Mauritius, Nigeria and other West African markets.

Customer witness



Panama LANDSCAPE VISION Group

Comments: I am very grateful to Yexing for providing membrane materials and installation solutions for our stadium, which effectively reduces the cost and construction difficulty.

部分客户

SOME CUSTOMERS



General Manager's Vision

Yexing Membrane Structure---Started in 2007, it is a high-tech enterprise engaged in the research and development and design, processing and manufacturing, construction and installation, system maintenance, sales and service of membrane structures. Adhering to the technical and scientific management, coupled with the construction team and a rigorous style of work, so far, engineering projects have spread all over the world, and we are committed to improving the competitiveness of China's membrane structures in the world, making the world fall in love with China-made membranes.

In the years of common struggle, it was your support that enabled us to ride the wind and waves and develop at a high speed; in the magnificent market wave in the future, we still need your encouragement, and also need your opinions and support.







Sincerely look forward to cooperation with you!

Shenzhen Ye Xing Membrane Structure Engineering co.,LTD

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