

Introduction of Joaboa Tech Group



深圳市卓宝科技股份有限公司
SHENZHEN JOABOA TECHNOLOGY CO., LTD.

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01 Company Introduction

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JOABOA TECH, PIONEER OF HIGH QUALITY WATERPROOF SYSTEM

Dedicating non-leakage waterproofing projects to the society, and caring for the poetic and peaceful living of human beings!

Shenzhen Joaboa Technology Group (hereinafter referred to as Joaboa Tech) is an industry-leading functional building material system service provider, as well as a national high-tech enterprise, which was established in 1999.

Joaboa Tech is headquartered in Shenzhen, with seven modern production bases located in Tianjin, Suzhou, Shishou, Wuhan, Chengdu, Huizhou and Foshan, with several branches spread over the country. Joaboa Tech has achieved more than 100 core national patents, and developed 2 national key new products and 5 FM APPROVED medium and high-end PVC/TPO roofing sheet and WICI Waterproofing & Insulation integrated products. Joaboa Tech has 5 major industry standard laboratories with strong technical R&D capabilities, which not only have been selected as Key Laboratories of Guangdong Province, but also approved by CNAS-China National Accreditation Service for Conformity Assessment.

Being as a Top 3 brand of building waterproofing/Decoration & Energy-saving/Floor Hardening materials from China, Joaboa Tech's products and systems are widely used in major infrastructure construction, industrial buildings and civil & commercial buildings, with landmark projects such as Hong Kong-Zhuhai-Macao Bridge, The First Affiliated Hospital of Zhengzhou University(world's largest hospital), Office Building of National Public Security, Beijing 2008 Olympic Games Stadium, Shenzhen Bao'an Airport, Beijing Universal Studios, HUAWEI Bantian Base, Tencent Headquarter, Canton Fair Stadium, etc.



Enterprise Honor

- National High-tech Enterprise
- Vice-president Unit of China Building Waterproofing Association
- China National Construction AAA Credit Enterprise
- Leading Enterprise in China Building Waterproofing Industry
- Top 500 Enterprises in Guangdong
- Top Brand of Waterproofing Materials Preferred by Top 500 Developers in China
- Top 100 Innovative Enterprises in Guangdong
- Famous Brand in Guangdong
- Key Trademark in Guangdong
- Established Brand in Shenzhen





Product Honor

- National Key New Product: Bondsure® Self-adhesive Waterproof Membrane
- National Key New Product: WiCi Waterproof & Insulation Integration System
- Well-known Brand in China Building Waterproofing Industry
- China Building Waterproofing Industry Technology Progress Award
- First Prize of China National Building Materials Industry Development of Technology Innovation Award
- Credited by FM Approvals & BBA





Project Honor

- Jinyu Award
● Top Quality Projects in China Building Waterproof Industry
- China White Book of High Quality Waterproofing Engineering Materials & Technology



2020 Jinyu Award



2019 Jinyu Award



2018 Jinyu Award



2017 Jinyu Award



Selected into 2020 China White Book



Selected into 2020 China White Book



Selected into 2020 China White Book



Clients' Recognition

- Recognized by Country Garden
- Excellent Supplier Recognized by Evergrande Group
- Excellent Supplier Recognized by China Poly Group
- Excellent Supplier Recognized by China Agile Property
- Excellent Strategic Procurement Supplier Recognized by Yuzhou
- Excellence Award Credited by Zhenrong Real Estate Group
- Best Cooperation Award Credited by Modern Land Group
- Excellent Strategic Partner Recognized by Dahan Group

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Overseas Clients:
SM Group, Phu My Hung, CapitaLand, Prince Group, etc.



Brand
Power

Production
Capacity

Distribution
Capability

Innovation
Ability

Quality
Assurance

Industry Standard Setter

Participated in the formulation or revision of 48 national, industrial and local standards,
published 33 enterprise standards,

like Chinese Standards: *Pre-applied Waterproofing Sheets, Wet Installed Waterproofing Sheets, Self-adhering Polymer Modified Bituminous Waterproofing Sheet, Waterproofing Sheets of Resistance to Root Penetration for Green Roof, etc.*





Leading Supplier of Building Waterproofing Materials Preferred by China's Top 500 Real Estate Development Enterprises

Evaluated by *China Real Estate Industry Association* and *China Real Estate Evaluation Center of Shanghai e-house Real Estate Research Institute*





7 Intelligent Production Bases

- Fast Response to Customer Needs
- Annual Design Capacity of Each Production Class:
 - Waterproofing Membranes, **175 Million** m²
 - Waterproofing Coatings, **171 Million** kg
 - Dry-mixed Mortar, **5 Million** kg
 - Composite Panel, **1 Million** m²

7 Intelligent Production Bases, Covering Core Economic Zones



Chengdu • Factory



Tianjin • Factory



Foshan • Factory



Huizhou • Factory



Shishou • Factory



Wuhan • Factory



Suzhou • Factory




500km radiation radius
(in Chinese Mainland)

**Huizhou/Foshan/Tianjin/
Suzhou Factories** near to Ports

Timely Response and Efficient Delivery

Save Logistics Cost for Customers

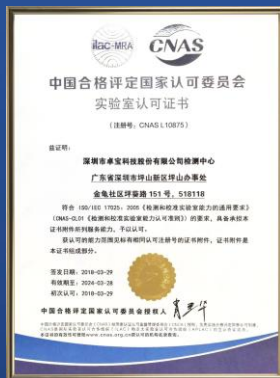


5

Industry Standard Laboratories

Laboratories in five production bases (Chengdu, Suzhou, Tianjin, Huizhou and Shishou) have passed the industry standard laboratory evaluation, which means the testing documents issued can be recognized by China Building Waterproofing Industry.





CNAS

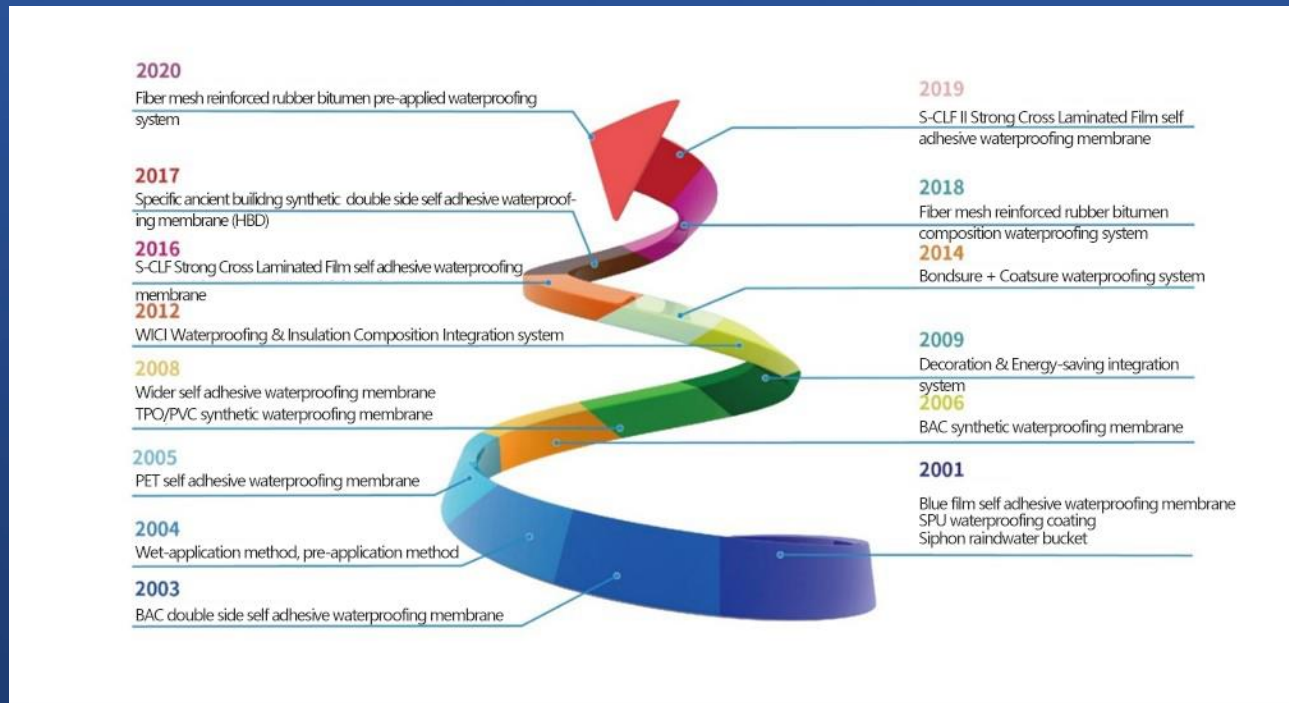
National Qualification Laboratory

Awarded as "Guangdong Provincial Key Laboratory of New Building Waterproof Materials" and "Guangdong Provincial Engineering Technology Research Center of New Building Materials"



300+ National Patents

Covering the national invention patents, patents of appearance design, patents for utility model, the computer software copyright registration certificates, etc.



Histry of Product Iteration



Practitioner of Engineering Quality Assurance Insurance

Based on "Zero Defect Quality Management Concept", Joaboa Tech takes the lead in development of science and technology project quality guarantee insurance, established a strategic cooperation with Taiping Insurance Company, committed to be responsible for waterproof engineering results, "Once Leakage, Full Compensation".

July, 2014 - 30th June, 2021
Zero Defect Waterproofing Service System

Total Construction Area **21,261,662.5m²**

Open Policy **4149pcs** Compensation for Leakage **0case**





Scientific and Rigorous Supervision throughout the Construction Process

Quality supervision, standard construction process, anti-counterfeiting, quantitative distribution, remote supervision measures, prevention of jerry-built behaviours, goods delivery--*all like above will have a track record.*



Automatic Production Line

The production process is standardized and intelligent.



Standardized Safe and Civilized Construction Training

The construction process is standardized.



Joobao Tech Remote Monitoring Center

The construction process is transparent and visible.



5 Products Accredited by FM Approvals

Based on the HIGH QUALITY concept, Joobao Tech strives for perfection to quality requirement, its TPO/PVC/CPC PANEL/WICI TPO-TYPE & PVC-TYPE Waterproofing & Insulation Integration Panel have passed the certification of the world's highest standard roofing testing-- FM Approvals, which is a great door opener to the market of Fortune Global 500.





Selected Raw Materials from Well-known Suppliers

Established strict raw material selection criteria and strategic cooperation with the industry well-known raw material suppliers, strict screening to ensure raw materials conform to the requirements of the production and application, to realize the goal of "high quality" from sourcing screening.

SBS	ETHER	LATEX	FILM	PACKAGE	BITUMEN	POLYESTER
 LG-渤天  Sinopec	 BLUESTAR 蓝星东大  GPRO	 BASF We create chemistry	 Valéron 维罗朗™ 强力薄膜 美国 ITW 附属企业	 浙江众成	 Shell  中国石油	 优布 UNIBON  HSC

02 Product Introduction

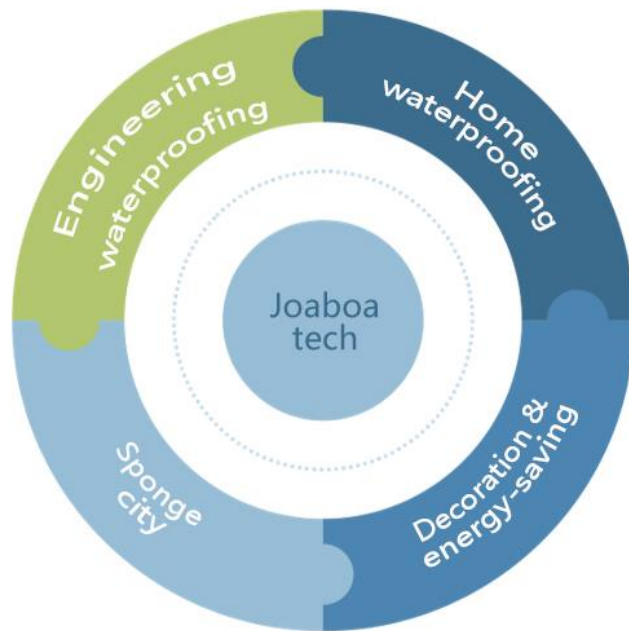
- Product Category
- Aluminum/Stone/Ceramic Decorative & Energy-saving Integration System
- Zero Defect Waterproof System
- Landmark Projects (Parts)
- WiCi Waterproof & Insulation Integration System
- Cooperative Partner

Waterproofing (B2B Direction)

- Zero Defect Waterproof Service System (with Insurance)
- PVC/TPO WiCi Waterproof & Insulation Integration System
- Steel Plate Backed WiCi Waterproof & Insulation System
- Self-adhesive Membranes (S-CLF, CLF, BAC, MAC, etc.)
- Synthetic Polymer Waterproof Sheets (TPO, PVC)
- Waterproof Coatings (SPU, 911, PMC, JS, etc.)

Sponge City

- Sponge City Rainwater Collection & Drainage System
- Pumpipe™ Siphonic Drainage Systems for Roof
- Seismic Support System
- Finished Support and Hanger System
- Viflow™ Drainage System on the Same Floor



Waterproofing (B2C Direction)

- TOYU Waterproof Service System (with Insurance)
- TOYU Series (for Home Decoration)
- Waterproof Materials (Acrylic, PU, etc.)
- Tile Adhesive Series

Decorative & Energy-saving Facade

- Aluminum Surface Facade System
- Thin Ceramic Surface Facade System
- Thin Stone Surface Facade System
- Decorative Coating Surface Facade System
- CRC Double-side Cement-based Energy-saving Integration System



Core System

Zero Defect Waterproof System

NRB Non-curing Rubber Bitumen Coating + Bondsure® S-CLF/BAC/
BAC-P/CLF Self-adhesive Membranes

高品质防水系统引领者

THE LEADER OF HIGH QUALITY WATERPROOFING SYSTEM

Zero Defect Waterproof System

Zero Defect System was officially launched in 2014, which is the **first comprehensive waterproofing service system in China Building Waterproofing Industry, covering design, material, construction, supervision, guarantee and other aspects involved.**

The system structure mainly adopts Bondsure® Self-adhesive Waterproof Membranes + NRB Non-curing Rubber Bitumen Waterproof Coating together, to form a Skin Type waterproof system. Zero Defect Waterproof Service System provides the first waterproof engineering quality assurance insurance in the industry. It promises to be responsible for the result of "no leakage".

Until now, it has been successfully applied in thousands of projects, and no compensation asked for.



1 NRB Non-curing Rubber Bitumen Waterproof Coating

NRB coating is a made of rubber, asphalt and additives, which always remains viscous during application. The product will be heated into a flow state on site, and scraped or sprayed on the base to form a waterproof layer with strong adhesive force, excellent creep property,

self-healing function and aging resistance.

It is both a waterproof layer as well as a bonding layer.

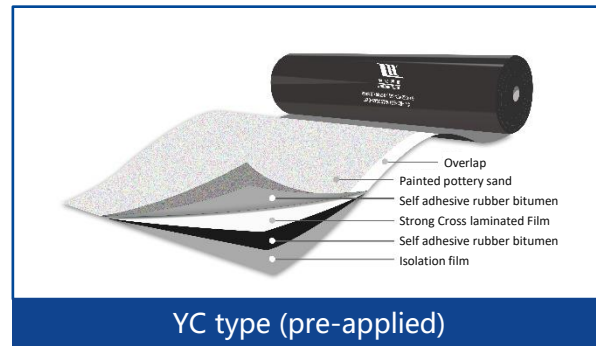
According to physical properties, NRB Coating are divided into two types: L-type (plane), V-type (facade).

Through a special process, the performance of V-type has been greatly improve, like bonding strength, heat resistance and anti-flow fall, better to be used around elevation and slope areas.



2 Bondsure® S-CLF Super Tensile Strength Cross Laminated HDPE Film Self-adhesive Waterproofing Membrane

S-CLF Waterproofing Membrane is mainly composed of imported Valeron®II cross laminated film, high performance self-adhesive rubber asphalt sizing materials and isolated film. It includes 3 types: NS type(single-sided), ND type(double-sided) & YC type(pre-applied). Its tensile strength and tear resistance is 2-3 times higher than traditional self-adhesive membranes.



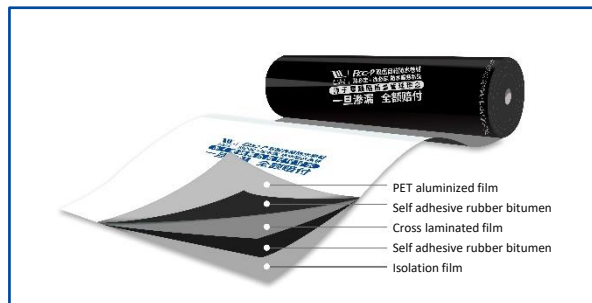
3 Bondsure® BAC/BAC-P Self-adhesive Waterproofing Membrane

BAC/BAC-P Membrane are kinds of double-sided self-adhesive waterproof membranes, composed of polyester/cross-laminated film, self-adhesive asphalt binder and isolation film.

With excellent characteristics of tensile strength and fatigue resistance ability, BAC/BAC-P have been regarded as the representative trademark of self-adhesive membranes in China for more than 15 years.



BAC Self-adhesive Membrane



BAC-P Self-adhesive Membrane

4 Bondsure® BAC Root-resistant Self-adhesive Waterproofing Membrane

BAC Root-resistant Membrane is a kind of self-adhesive modified asphalt waterproofing membrane specially developed for basement roof, roof and other parts with planting requirements.

It is made of long-fiber polyester fiber felt as the reinforced substrate, self-adhering modified asphalt with imported chemical root blocking agent as the coating material, and then covered with isolation material on both sides.

This product not only has the same waterproofing performance as BAC membrane, and also has anti-root function to prevent planting puncture.





Achievements (involved B2B&B2C)

until June 30th, 2021



Open Policy

4,149pcs



Finished Area

21,260,000m²
(equivalent of 2,978
international standard football
fields)



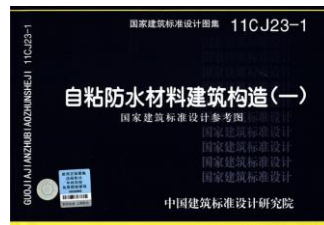
Cities Covered

214pcs



Honor

- System written into China National Building Standard Design Atlas 11CJ23-1
- 1st Prize of China Building Waterproofing Industry Technology Progress Award
- National construction industry scientific and technological achievements promotion project





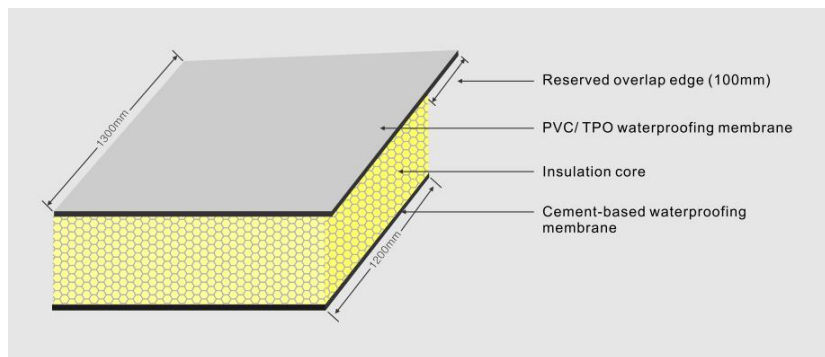
Core System

WiCi Waterproofing & Insulation Integration System

高品质防水系统引领者

THE PIONEER OF HIGH QUALITY WATERPROOFING SYSTEM

WiCi Waterproof & Insulation Integration System



WiCi System is a systematic solution introduced by Joaboa Tech to solve the problem of roof waterproof and heat preservation, which is comprised of FM Approved TPO/PVC roofing sheets on top, rigid PU foam, XPS, or rock wool as insulation core material in the middle and cement-based waterproofing membrane as backing material by special hot-pressing production technology, which can be firmly bonded to concrete structure layer by bonding mortar.

This system not only can safeguard the roof waterproofing effect by eliminating the fluid-channeling between waterproofing layer & insulation core, insulation core & substrate surface, but also can simplify the application technology and diminish systemic risk, thus to greatly improve the comprehensive energy conservation effect.



Core System

**Aluminum/Thin Ceramic/Thin
Stone/Coating Surface Decorative &
Energy-saving Integration System**

高品质防水系统引领者

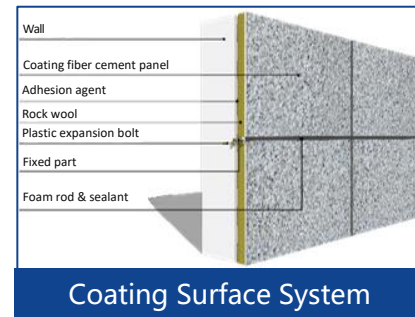
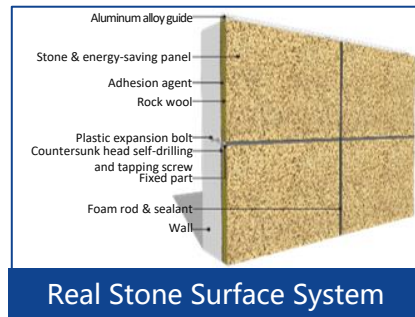
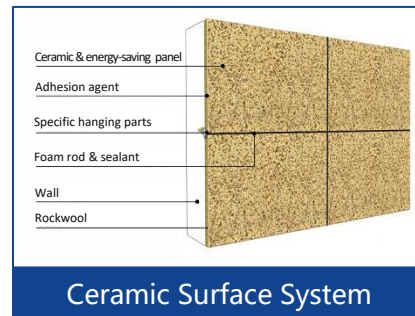
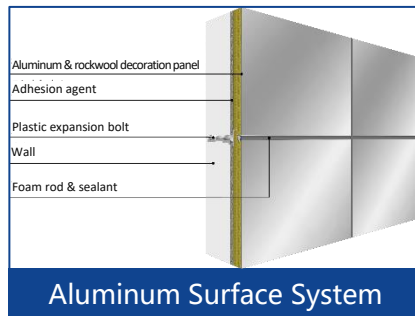
THE LEADER OF HIGH QUALITY WATERPROOFING SYSTEM

Decorative & Energy-saving Integration System

The system integrates beauty, waterproof, fire prevention, heat preservation, energy saving and environmental protection, which is suitable for all kinds of new buildings and old buildings.

It has been listed as "National Construction Industry Scientific and Technological Achievements Promotion Project" by China Ministry of Construction, and won a number of national utility model patents.

According to its surface decoration materials, it can be divided into 4 different types: Aluminum/Thin Ceramic/Thin Stone/Coating Surface Decorative & Energy-saving Integration System.





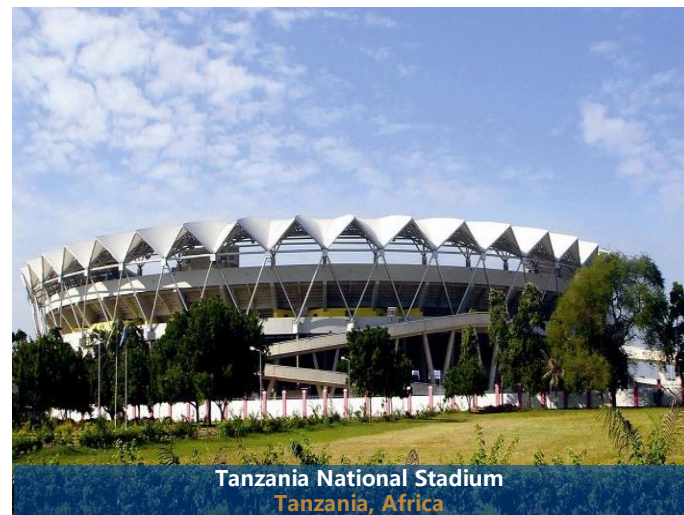
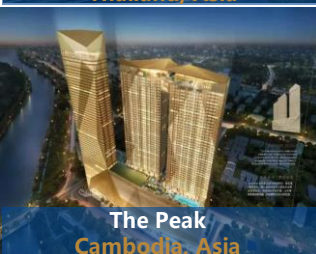
卓宝科技

JOBOR TECH

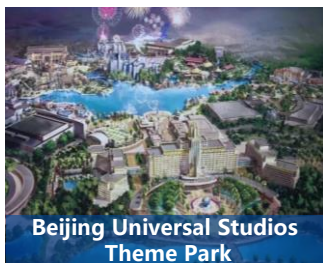
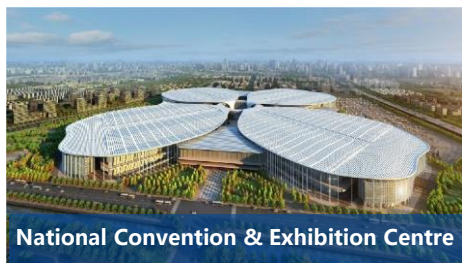
Landmark Projects

(PARTS)

Classic Waterproof Projects in Overseas Market (Parts)



Classic Waterproof Projects in Domestic Market (Parts)



Projects of Zero Defect Waterproof Service System (with Engineering Insurance)



Projects of WiCi Waterproof & Insulation Integration System (Unique in the World)



Projects of Decorative & Energy-saving Integration System (Facade System)



Projects of Pumpipe Organized Rainwater Collection and Drainage System



Yibin Sunshine City · Long Shan Yue



Xinyang Nanwan Kun Mansion



Baoding Zhongcheng Country Garden Residence



Dandong Hengjingxi Mountain Beauty



Anyang Tangyin Leader Blue Shore



Vanke Future Star

Projects of Siphon Drainage System



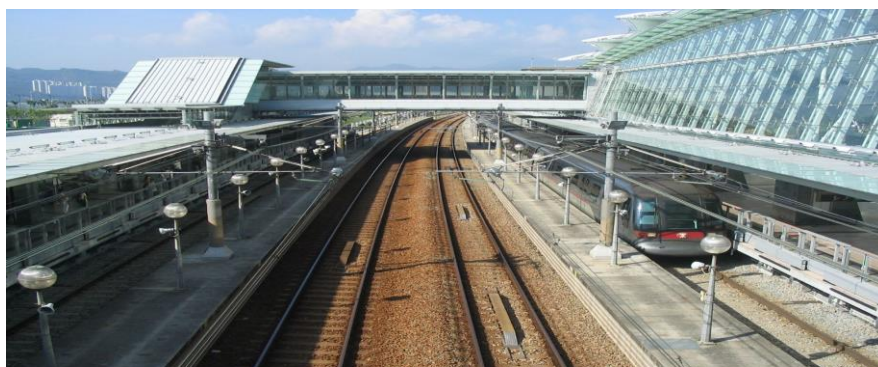
West China Expo City



American Town Mall in Chengdu



National Stadium in Tanzania



Songgang Rolling Stock Depot of BT Project of
Shenzhen Metro Line 11

Overseas Cooperative Partner (Parts)



Domestic Strategic Cooperative Partner (Parts)



Domestic Strategic Cooperative Partner (Parts)



03 Social Responsibility

- Green and Environmental Protection
- Honest and Trustworthy
- Public Welfare
- Corporate Accountability

Building Green Cities, Helping Control Carbon Dioxide Emission and Realize Carbon Neutrality

On April 22, 2016, leaders of more than 170 countries signed the **Paris Agreement** at the United Nations Headquarters in New York, setting off a global wave of green and low-carbon transformation. At the beginning of the 14th Five-year Plan, "carbon peak" and "carbon neutrality" have been written into the five-year economic and social development plan for the first time as important goals of China's "14th Five-year Plan" on pollution prevention and control. Responded to an appeal by the state, Joaboa Tech adopts green development policy in plant construction, production, R&D, power energy conservation and environmental protection, contributing to construct and maintain the ecological green cities.



You & I Protect the Earth together!



2020年天津市重污染天气(绩效)评级企业名单

序号	企业名称	行业	评级类别	评级等级
1	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
2	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
3	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
4	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
5	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
6	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
7	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
8	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
9	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
10	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
11	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
12	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
13	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
14	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
15	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
16	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
17	天津津西钢铁有限公司	钢铁行业	钢铁行业	A
18	天津津西钢铁有限公司	钢铁行业	钢铁行业	A

JOABOA GREEN FACTORIES

In response to the national environmental protection policy, Joaboa Tech is committed to building a green factory, to promote the realization of the goal of "double carbon" source power. Selected by the Environmental Development Center of the Ministry of Ecology and Environment, Joaboa Tech won *China Environmental Identity Outstanding Enterprise Award, Tianjin 2020 Environmental Protection Enterprise Leader Unit*, rated as *A-level Enterprise* by the Ministry of Environmental Protection, etc.

JOABOA GREEN PRODUCTION

Joaboa Tech has invested tens of millions of Yuan in environmental protection construction and continued to improve environmental protection facilities. Among them, the production bases in Tianjin, Chengdu and Wuhan all use photocatalytic oxidation to treat the production waste gas. The environmental protection treatment equipment used in Huizhou, Shishou, Suzhou and Tianjin production bases is regenerative incinerator, and the treatment process is the leading level in the industry.



RTO Environmental Protection System in Huizhou Factory



Dust Treatment System in Suzhou Factory



RTO Environmental Protection System in Tianjin Factory



JOABOA GREEN PRODUCTS

Joaboa Tech pays attention to non-toxic and harmless in the research and development of its products. Its waterproofing membranes and coatings have all achieved China Environmental Labelling certification, indicating that the products meet the requirements of environmental protection and are more beneficial to the ecological environment. In addition, many of its products have passed the "Green Building Selection Product" certification and "China Green Product" certification. Joaboa Tech is also the first enterprise in the industry to pass the national green environmental protection product certification.

Honesty is the base

- National Construction AAA Credit Enterprise
- Member Units of the Good Faith Convention
- Guangdong Province Integrity Model Enterprise
- Rated as one of the Top 100 Tax-paying Enterprises in Futian District, Shenzhen for many years



Public Welfare Action

During the COVID-19 pandemic, Joaboa Tech participated in the construction of *Huoshenshan Hospital and Leishenshan Hospital in Wuhan* to fight the epidemic. Joaboa Tech was awarded as the advanced group in the 2020 building waterproofing industry to support COVID-19 fight. Since May 2016, Joaboa TOYU, the sub-brand, has carried out the activity of "*Joaboa Tech Waterproof National Public Welfare Activity, Preventing Leakage and Serving Thousands of Families*" in China. During the event, families with leakage problems will be publicly collected from the society and free maintenance services will be provided for them.





Accountability

Joaboa Tech is one of the 13 enterprises in the Industry Alliance to promote the healthy development of China Building Waterproof Industry. It promises not to produce one square meter of non-standard products, and takes the initiative to fight against fake and shoddy products, purify the industry environment, and protect the rights and interests of consumers. Joaboa Tech supports academic education, like setting up Joaboa Scholarship in *Tongji University*, delivering lectures in *Huazhong University of Science and Technology*, *Zhejiang University* and other colleges and universities, instructing the knowledge about waterproof industry.

04 Corporate Culture

- Brand Culture
- Employee Care
- Enterprise Journal



Enterprise Mission

DEDICATING NON-LEAKAGE WATERPROOF PROJECTS TO THE SOCIETY, CARING FOR THE POETIC AND PEACEFUL LIVING OF HUMAN BEINGS



Corporate Vision

PIONEER OF HIGH QUALITY WATERPROOF SYSTEM



Core Value

FAITHFUL AND GENEROUS, PRAGMATIC AND EFFICIENT, WIN-WIN COOPERATION, CREATING VALUE FOR CUSTOMERS



Brand Meaning

The company logo is made up of a blue letter "Z" and a gold letter "B".

Gold symbolizes the brilliant and bright future of the enterprise, giving people a positive and exciting impression. Blue means that the enterprise takes scientific and technological innovation as the driving force to implement the blue ocean strategy to stand out from vicious competition. It also means that the enterprise has a broad mind and vision like the ocean, and a calm and rational attitude in the process of operation and management.

The logo pattern of Joaboa Tech looks like an unrolled waterproof membrane, which indicates the waterproofing industry engaged in. The pattern is also like a wild goose flying in the sky, indicating Joaboa Tech's promising future.



Company Mascot

Joaboa Tech's mascot is a cute dolphin baby.

Dolphins are highly capable and intelligent marine mammals with a friendly appearance and playful disposition.

The dolphin baby represents the pioneering and innovative image of Joaboa Tech that rides the wind and waves in the "blue ocean" of waterproofing industry..



Professional Vocational Training Activities

Training Programme Aimed at Senior/Middle-level Management, Special Training Camp for Sales, Speech Contest, Thematic Learning Activities, Joaoa Online School



Rich Club Activities

Reading Club,
Yoga Club,
Badminton Club,
Basketball Club,
etc.



Interesting Welfare Activities

Afternoon Tea Time,
Birthday Party,
Women's Day Activities on March 8,
Fun Games,
Gift Exchange on New Year's Day

Joaoa Tech respects and takes good care of the employees.

While creating a good working environment for them, more attention has been paid to their personal growth, improvement of the training system and the setup of the platform for their career development.

At the same time, more importance has been attached to enriching the staff's leisure cultural life and creating a "happy employee" culture.

Joaboa Family is the internal journal of Joaboa Tech Group, founded in April 2006, and has published 88 issues so far. In the 14 years of development, Joaboa Family has been constantly innovating, making several adjustments in content planning and presentation format, keeping up with the trend of the times, showing the elegant demeanor of Joaboa Tech, building corporate culture internally and establishing corporate image externally. The internal journal of Joaboa Family has a high influence inside and outside the company, and has gained a high degree of satisfaction. It has become a shiny "cultural card" of Joaboa Tech, and has been awarded "*Excellent Internal Journal of Waterproof Community and Enterprise Media*".





THANK YOU

Joaboa Tech, Pioneer of High
Quality Waterproof System!

1000+ Agents & Distributors
Spread around Chinese Mainland,
Now We Are Strongly Developing
Overseas Agents

Telephone: +86 0755 33052250
Email: international@zhuobao.com

We Look Foward to Hearing from You.



Wechat ID



LinkedIn ID