

BUSINESS BROCHURE

ONE-STOP PREFAB STEEL HOUSE SOLUTION

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WHO WE ARE?

Leopad Home's production and e-commerce divisions are located in the Fengrun Industrial Park of Tangshan, adjacent to National Highway G112, with convenient transportation and logistics resources. Covering an area of 80 mu, with a total investment of 80 million yuan and a building area of 32,000 square meters, the company has served the construction industry for 25 years. It is a professional and integrated manufacturer and service provider of building components that integrates research and development, production, sales and technical support.

Focusing on technical innovation, the company has built a 15-member professional R&D team. Equipped with four intelligent CNC production lines and a third-party certified quality inspection laboratory, the enterprise adopts advanced processes including CNC cutting, automatic welding and hot-dip galvanizing, and implements standardized full-process quality control to ensure product quality exceeds industry standards. The company's product lineup covers building steel formwork, special-shaped bridge steel formwork, steel structure houses, container houses and scaffolding. With an annual output of 120,000 square meters of standard steel formwork and 8,000 tons of special-shaped bridge formwork, it provides customized, ready-to-install products and on-site technical guidance to support smooth project mplementation.

Boasting a complete supply system and one-stop full-cycle service, the company adheres to a customer-oriented philosophy to meet diverse project demands. It has accumulated rich infrastructure experience and earned a reputable market image through reliable quality and professional services. In the future, guided by the principles of innovation, efficiency and integrity, Taogang will continuously optimize production techniques and service systems. Rooted in the Beijing-Tianjin-Hebei region and serving nationwide and global clients, the company delivers high-quality building components and integrated solutions to jointly promote innovative development of the construction industry.



Enterprise Spirit

Unyielding as Steel: Adhere to rigorous industrial precision and stand firmly against the tests of international standards.
Open as Structure: Embrace diverse demands and build win-win cooperation on a global scale.

Core Values

The team takes innovation and collaboration as its core philosophy. With an open mindset and steel-backed resilience, the company builds global trust; with structural connectivity as the bridge, it aligns with international standards. By virtue of exquisite craftsmanship, Taogang breaks industry boundaries and adapts to global scenarios through customized solution services. The company advocates continuous learning and self-improvement for all team members.

Business Philosophy

Quality Concept: Benchmarked against international certifications including AISC and CE, every steel structure serves as a quality showcase of “Made in China”.
Customer Concept: Beyond product export, the company delivers global services featuring localized solutions and full-cycle support.
Cooperation Concept: Respect regional differences, eliminate communication barriers with professionalism, and create long-term value together with global partners.

Code of Conduct

Accurately interpret international requirements and respond efficiently to global orders; strictly abide by compliance standards and convey the warmth of intelligent Chinese manufacturing.



Product Safety and Compliance
Certification



VERIFICATION OF CONFORMITY

No.: ICR/VC/HS241064

S/N: 010921

Name and address of Applicant	Shandong Xinlian Steel Structure Co., LTD The Intersection of Yanying Road and Wei Wu Road, Qihe, Dezhou, Shandong, China
Name and address of manufacturer:	Shandong Xinlian Steel Structure Co., LTD The Intersection of Yanying Road and Wei Wu Road, Qihe, Dezhou, Shandong, China
Product name:	Prefabricated steel structure house
Product types:	XL-1-01, XL-1-02, XL-1-03, XL-1-04, XL-1-05, XL-1-06, XL-1-07, XL-1-08, XL-1-09, XL-1-10, XL-1-11, XL-1-12, XL-1-13, XL-1-14, XL-1-15, XL-1-16, XL-1-17, XL-1-18, XL-1-19, XL-1-20, XL-2-01, XL-2-02, XL-2-03, XL-2-04, XL-2-05, XL-2-06, XL-2-07, XL-2-08, XL-2-09, XL-2-10, XL-2-11, XL-2-12, XL-2-13, XL-2-14, XL-2-15, XL-2-16, XL-2-17, XL-2-18, XL-2-19, XL-2-20
Product trademark:	n/a

Verification was carried within following scope:

Information on the Declaration of Conformity:

	Legislation:	Standard:
✓	CPR (EU) 305/2011	EN 1090-1:2009+A1:2011

The assessment process has been carried out in accordance with individual rules and conditions agreed with the applicant.
Evaluation has been carried out in accordance with:

Test report:	TCSD24101663003
Tests conducted by:	Shanghai Global Testing Services Co., Ltd.
Issue date:	17.10.2024
Expiration date:	16.10.2029

Remarks:
- VoC was issued on voluntary basis and does not imply meeting all essential requirements listed in Declaration of Conformity.
- For introducing this product to European market may be needed EC/EU-type examination conducted by appropriate Notified Body.

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CEO, ICR Co., Ltd.

Edition: 5.1.1 B of 06.03.2024

EU EN1090
Steel Structure Verification of Conformity Certificate

Our prefabricated steel structure houses have obtained the ICR Verification of Conformity Certificate. Complying with the EU CPR Construction Products Regulation and EN1090 steel structure standard, the full range of products has passed third-party testing and certification, meeting European building quality specifications to support the delivery of overseas engineering projects.



HTT TECHNOLOGY

Certificate of Conformity

Certificate No. : HTT20250811988R
Applicant : Tangshan Taogang E-Commerce Co., Ltd.
Applicant Address : Liuxinzhuang Village, Shigezhuang Town, Tangshan, Hebei, China
Manufacturer : Tangshan Lindong Construction Engineering Co., Ltd
Manufacturer Address : West of Qiliitun Village, Fengrun Town, Fengrun District, Tangshan City, Hebei Province
Product : Steel formwork
Model No. : Formwork
Trademark : N/A

This is to certify that, on the basis of the tests undertaken as per Report No.: HTT2025081198CH, the submitted sample of the above item complies with:

IEC 62321-3-1:2013
IEC 62321-4:2013+A1:2017
IEC 62321-5:2013
IEC 62321-6:2015
IEC 62321-7-1:2015
IEC 62321-7-2:2017
IEC 62321-8:2017

And fulfills testing requirement of the RoHS 2.0 directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

CE

Kevin Yang
KevinYang/Senior Manager

Date of issue: Aug. 29, 2025

SHENZHEN HTT TECHNOLOGY CO., LTD.

EU RoHS 2.0 Environmental Certificate of Conformity

Our steel formwork holds the HTT Certificate of Conformity. Tested against full IEC 62321 standards, it meets EU RoHS 2.0 Directive (2011/65/EU) and its amended regulations on hazardous substances.
With rigorous control over hazardous substances, our products satisfy EU green entry standards and deliver eco-compliant solutions for overseas projects.



VERIFICATION OF CONFORMITY

No.: ICR/VC/HE260437

Name and address of Applicant: Tangshan Taogang E-Commerce Co., Ltd.
Northeast Asia International Innovation and Entrepreneurship Center, High-tech Industrial Development Zone, Tangshan City, Hebei Province, P.R. China

Name and address of manufacturer: Xianxian Xinhao Mobile Scaffolding Co., Ltd.
West of Hecangyan Village, Shangyan County, Cangzhou City, Hebei Province, P.R. China

Product name: Scaffolding
Product types: see page 2/2
Product trademark:

Verification was carried within following scope:

Information on the Declaration of Conformity:

Result:	Legislation:	Standard:
✓	CPR (EU) 305/2011	EN 12811-1:2003 EN 12810-1:2003 EN 1004-1:2020 EN 74-1:2022+A1:2025 EN 1090-1:2009+A1:2011 EN 1090-2:2018+A1:2024 EN 1090-3:2019 EN 1090-4:2018 EN 1090-5:2017

The assessment process has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report: CE-HE20260410-TSIG-1
Tests conducted by: Tangshan Taogang E-Commerce Co., Ltd.

Issue date: 15.04.2026
Expiration date: 14.04.2031

Remarks:

CEO, ICR Co., Ltd.

EU Scaffolding EN Standard Verification of Conformity Certificate

Our scaffolding obtains ICR third-party Verification of Conformity. Following EU CPR Construction Products Regulation, it satisfies European construction standards such as EN12811 and EN1090. Meeting overseas engineering safety criteria, our products conform to European construction market entry norms.

Our Product

Steel structure house



Steel-structure housing is a modern form of construction that utilizes steel as the primary load-bearing structural material. It offers advantages such as structural stability, efficient construction, and flexible spatial design. Through standardized design and factory prefabrication, steel-structure housing can significantly shorten construction timelines, improve building efficiency, and accommodate the requirements of diverse applications.

Mobile home



Mobile homes are modern residential structures designed for flexible deployment and convenient relocation. They can be transported as complete units, rapidly installed, or flexibly configured to meet a wide range of application requirements. Through modular design and factory prefabrication, mobile homes can significantly reduce construction time and on-site labor

Steel structure house Product Lines



Steel Integrated House

Ideal for residential housing, schools, hotels, resorts, and dormitories. Featuring structural stability, fast construction, and eco-friendly design, we provide efficient, flexible, and integrated building solutions for diverse needs.

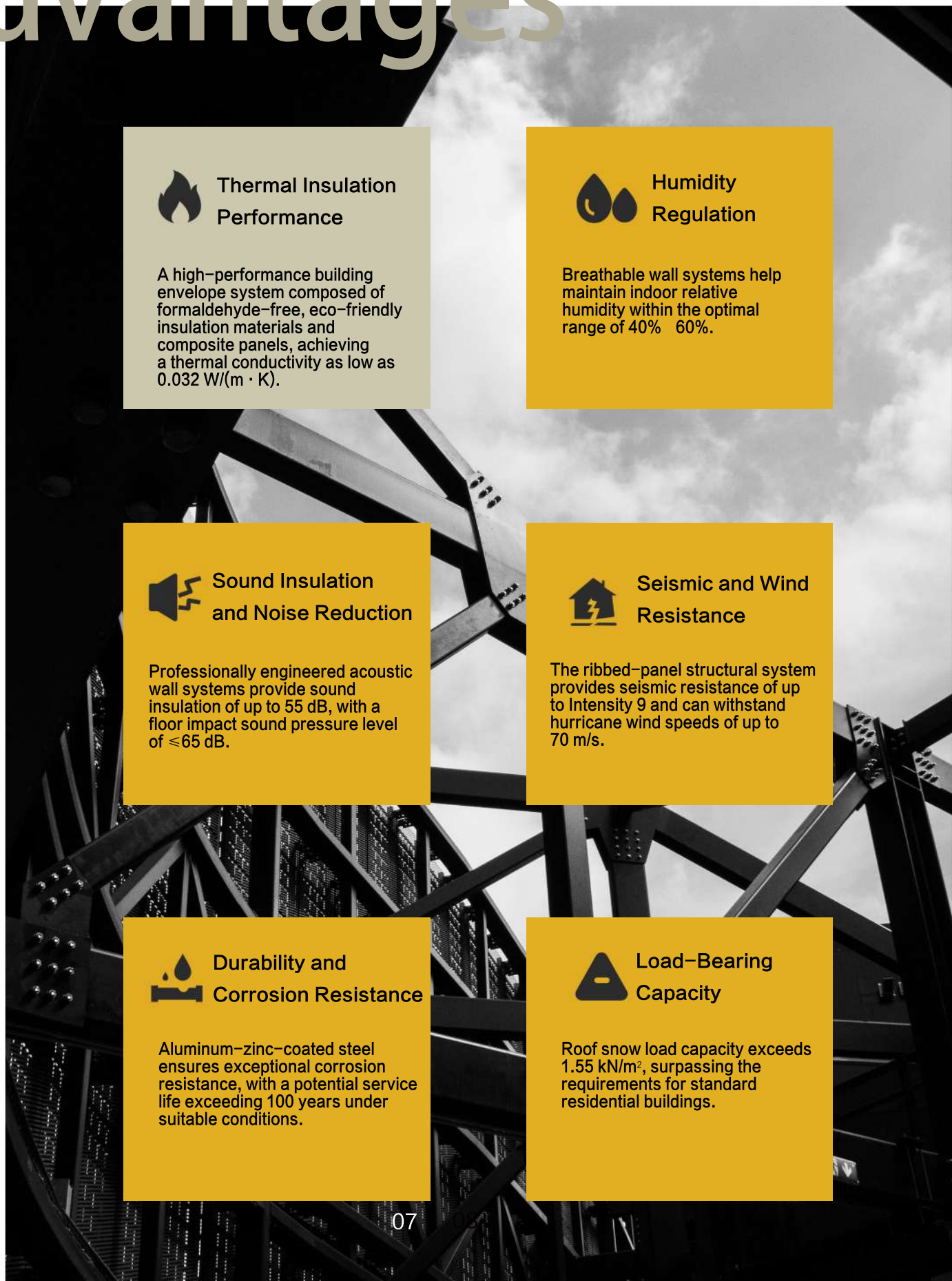


Steel Structure Workshop

Suitable for factories, warehouses, workshops, and agricultural sheds. With robust structures, spacious layouts, and shorter construction times, our solutions help reduce building costs and support efficient, sustainable development.

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Steel structure house Advantages



Thermal Insulation Performance

A high-performance building envelope system composed of formaldehyde-free, eco-friendly insulation materials and composite panels, achieving a thermal conductivity as low as 0.032 W/(m · K).

Humidity Regulation

Breathable wall systems help maintain indoor relative humidity within the optimal range of 40% 60%.

Sound Insulation and Noise Reduction

Professionally engineered acoustic wall systems provide sound insulation of up to 55 dB, with a floor impact sound pressure level of ⩽65 dB.

Seismic and Wind Resistance

The ribbed-panel structural system provides seismic resistance of up to Intensity 9 and can withstand hurricane wind speeds of up to 70 m/s.

Durability and Corrosion Resistance

Aluminum-zinc-coated steel ensures exceptional corrosion resistance, with a potential service life exceeding 100 years under suitable conditions.

Load-Bearing Capacity

Roof snow load capacity exceeds 1.55 kN/m², surpassing the requirements for standard residential buildings.

Mobile home

Product Lines



01 Space Capsule



02 Apple Cabin



03 Double Wing



04 Container



05 Packaged Container



06 Quick-assembly Container

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Mobile home Advantages

Fast Installation

Using modular prefabrication technology, mobile homes can be quickly assembled on-site, significantly reducing construction time and improving project efficiency.

Flexible Relocation

Designed for mobility and adaptability, mobile homes can be moved and redeployed according to different needs, making them ideal for temporary housing, camps, commercial spaces, and more.

Cost-Effective Solution

Compared with traditional buildings, mobile homes require less construction time and labor, helping reduce overall investment costs while improving economic benefits.



Eco-Friendly & Sustainable

Built with environmentally friendly materials and recyclable designs, mobile homes help minimize construction waste and support sustainable building practices.

Customizable Design

Available with customized layouts, appearances, and functional configurations to meet various applications, including residences, hotels, offices, and retail spaces.

Safe & Comfortable Living

Featuring excellent insulation, heat resistance, moisture protection, and soundproofing performance, mobile homes provide a safe, comfortable, and durable living environment.



Project Cases

01

Light steel Apartment
Location:Phnom Penh, Cambodia
Building Area:3,100 Square meters

02

Light Steel Hotel
Location: Mongolia
BuildingArea: 4,150 Square meters



03

Light Steel town house
Location:Thailand
BuildingArea: 1,050 Square meters





04

Light steel Apartment
Location:Australia
Building Area:170 Square meters



05

Light steel Apartment
Location:France
Building Area:210 Square meters



06

Light Steel Hotel
Location: Vietnam
BuildingArea: 5,480 Square meters



07

Light Steel Homestay
Location: Indonesia
BuildingArea: 2,180 Square meters

Project Cases

Project Cases



08

Double-Wing Expandable House
Location:Papua New Guinea
Building Area: 30ft



09

Space Capsule House
Location:Australia
Building Area: 38㎡



10

Space Capsule House
Location:Russia
Building Area: 38㎡



11

Double-Wing Expandable House
Location:Australia
Building Area: 30ft

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Global Customer Service

01 Project Consultation

Our professional team provides tailored needs assessments and project planning to meet your specific requirements.

02 Customized Design

We deliver customized building solutions tailored to different applications, project requirements, and customer preferences.

03 Global Delivery

With an integrated supply chain, we support international logistics and project delivery to customers worldwide.

04 After-Sales Support

We provide ongoing technical guidance and reliable after-sales support to ensure long-term customer satisfaction.



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