



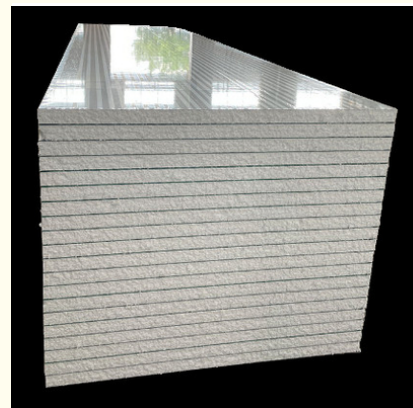
EPS 100 Color Steel Sandwich Panel Lightweight For Roof / Wall / Door Panels

Our Product Introduction

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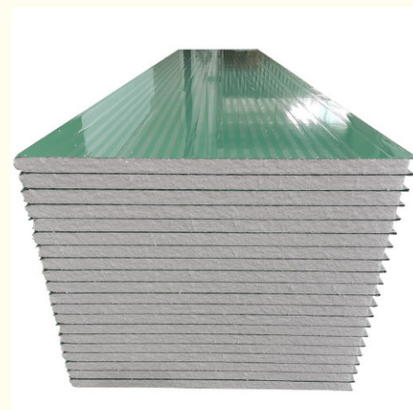
Basic Information

- Place of Origin: china
- Brand Name: INFINITE STARS
- Certification: CE/ISO9001/ISO45001/ISO14001
- Model Number: B
- Minimum Order Quantity: 7 Sets
- Payment Terms: L/C, T/T
- Supply Ability: 100000 /day

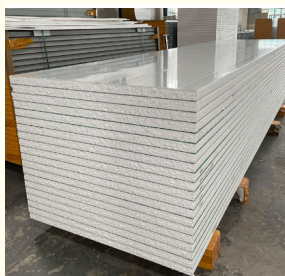


Product Specification

- Width: 1000mm
- Color: Customized
- Wind Resistance: 120km/h
- Thickness: 50mm 75mm,100mm,150mm
- Material: Color Steel
- Length: Customized
- Surface Treatment: Galvanized/Coated
- Sound Insulation: 30dB
- Fire Resistance: Class A
- Waterproof: Yes
- Name: Color Steel Sandwich Panel
- MOQ: 7 PCS
- Highlight: EPS 100 Color Steel Sandwich Panel,
Color Steel Sandwich Panel Lightweight,
100mm EPS Wall Panels

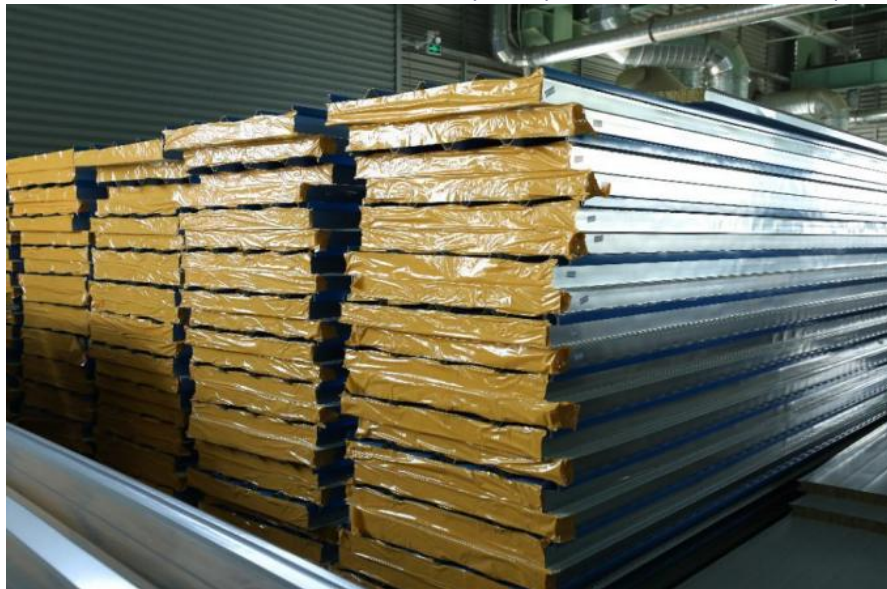


More Images



Product Description

The EPS 100 Color Steel Sandwich Panel is a lightweight yet robust solution for roof, wall, and door panels that offers numerous advantages. Its EPS (Expanded Polystyrene) core provides superior thermal insulation, keeping interiors comfortable while significantly reducing energy consumption. The color steel exterior coating ensures durability and resistance to corrosion and weathering, ensuring a long-lasting product. The sandwich panel construction also offers good soundproofing properties, making it suitable for noise-sensitive areas. EPS 100 Sandwich Panels are easy to install, reducing labor costs and construction time. Furthermore, they are customizable to fit various designs and sizes, making them versatile for a wide range of applications. While the initial investment may be higher, the long-term energy savings and reduced maintenance costs make EPS 100 Sandwich Panels a cost-effective solution. Additionally, the recyclable EPS material contributes to environmental sustainability. In summary, EPS 100 Color Steel Sandwich Panels are an efficient, durable, and environmentally friendly choice for roof, wall, and door panel applications.



Performance Parameter	Description/Range
Density	18-30 kg/m ³ (Standard EPS sheet density requirements)
Elastic Modulus	30-70 MPa
Shear Modulus	10-30 MPa
Compressive Elastic Modulus	10-30 MPa
Compression Set	0.2-0.4
Tensile Strength	≥ 0.15 MPa
Compressive Strength	≥ 0.15 MPa
Tear Strength	≥ 4.0 N/mm
Heating Deformation	≤ 2.0%
Water Absorption	≤ 0.005 g/cm ³
Hardness (Shore A Scale)	40-60
Compression Deflection	≤ 3.0%
Thermal Insulation	Excellent thermal insulation properties with low thermal conductivity
Waterproof and Moisture Resistance	Good waterproof and moisture-resistant properties due to closed-cell structure
Corrosion Resistance	Good chemical stability and corrosion resistance
Environmental Friendliness	Recyclable, compliant with environmental protection requirements

Company introduction

As a wholly-owned subsidiary of Wujiang Saima (established in 2005), Suzhou Stars Integrated Housing Co., Ltd. focuses on foreign trade. As one of the most professional prefabricated house manufacturers in south-east China, we provide customers with all kinds of integrated housing solutions.

Equipped with complete production lines, including sandwich panel production machines and steel structure production line, with 5000 square meter workshop and professional staff, we already built long-term business with domestic giants like CSCEC and CREC. Also, based on our export experience in the past years, we are furthering our steps to global customers with best product and service.

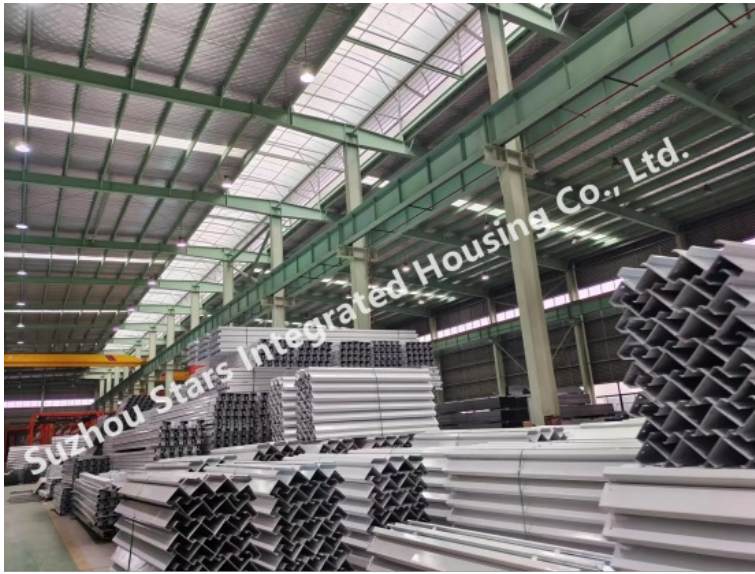
As a supplier to overseas customers all over the world, we are very familiar with the manufacturing standards of various countries, such as European standards, American standards, Australian standards, and so on. We have also participated in the construction of many large-scale projects, such as recent 2022 Qatar World Cup camping construction.

Company photo



Workshop





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