



10cm 15cm Polyurethane Sandwich Panel For Refrigeration / Fresh Keeping Logistics

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: INFINTE STARS
- Certification: CE/ISO9001/ISO45001/ISO14001
- Model Number: B
- Minimum Order Quantity: 7 Sets
- Packaging Details: Each 40 foot high cabinet can hold 1200 square meters
- Payment Terms: L/C, T/T
- Supply Ability: 100000 /day

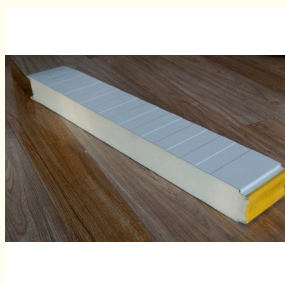


Product Specification

- Installation Method: Cam Lock
- Width: 1000mm
- Compressive Strength: $\geq 150\text{kPa}$
- Water Absorption: $\leq 1\%$
- Surface Material: Color Steel Sheet
- Thickness: 50mm-200mm
- Fire Rating: B2
- Material: Polyurethane Foam
- Thermal Conductivity: 0.022 W/mK
- Length: Customizable
- Temperature Range: -50°C To 80°C
- Panel Joint: Tongue And Groove
- Application: Cold Storage, Refrigerated Warehouse, Food Processing Plant
- Name: Polyurethane Sandwich Panel



More Images



Product Description

Polyurethane (PU) cold storage sandwich panels are advanced building materials specifically designed for cold storage applications. These panels are composed of a high-density polyurethane (PU) foam core sandwiched between two layers of steel skin, providing exceptional thermal insulation while maintaining structural integrity.

The PU foam core of these panels boasts a low thermal conductivity, ensuring excellent insulation properties for temperature-controlled environments. The steel skins not only provide a durable outer shell but also enhance the panel's overall strength and rigidity.

The polyurethane cold storage sandwich panels are available in a wide range of thicknesses, from 50mm to 200mm or more, depending on the specific insulation requirements. This flexibility allows for customization to meet the unique needs of different cold storage facilities.

Material Composition

The heart of our Polyurethane Cold Storage Sandwich Panels lies in the core insulation material, which is crafted from high-grade polyurethane (PU). PU is renowned for its excellent thermal insulation properties, effectively reducing heat transfer and maintaining consistent temperatures within the storage facility. Surrounding this core is a robust steel skin, providing structural integrity and resistance to corrosion and external damage.

Thermal Efficiency

The polyurethane insulation core of our panels is designed to offer unparalleled thermal efficiency. It acts as a barrier against temperature fluctuations, ensuring that the internal environment remains stable and consistent. This not only preserves the quality of perishable goods but also reduces energy consumption, saving you money in the long run.

Durability & Reliability

Our Polyurethane Cold Storage Sandwich Panels are built to last. The steel skin provides superior strength and durability, while the PU insulation core maintains its integrity and efficiency over extended periods of time. These panels are designed to withstand the rigors of continuous operation in harsh environments, ensuring reliable performance and minimal maintenance requirements.

Feature	Description
Material Composition	Outer Layers: Color-coated Steel Sheets
	Core Material: Polyurethane (PU) or Polyisocyanurate (PIR) Insulation
Durability	Corrosion-resistant, rust-proof, and weather-resistant for long-lasting beauty
Strength	Sturdy and able to withstand harsh weather conditions like snow and hail
Aesthetic Appeal	Rich color options for customization based on building style
Thermal Efficiency	High-performance insulation material for reduced energy consumption
Fire Resistance	Meets fire safety standards for added protection
Easy Installation	Modular design for quick and efficient installation
Environmental Friendliness	Made from recyclable materials for reduced carbon footprint

Feature	Description
Application Scope	Suitable for industrial buildings, warehouses, stadiums, exhibition halls, etc.

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.

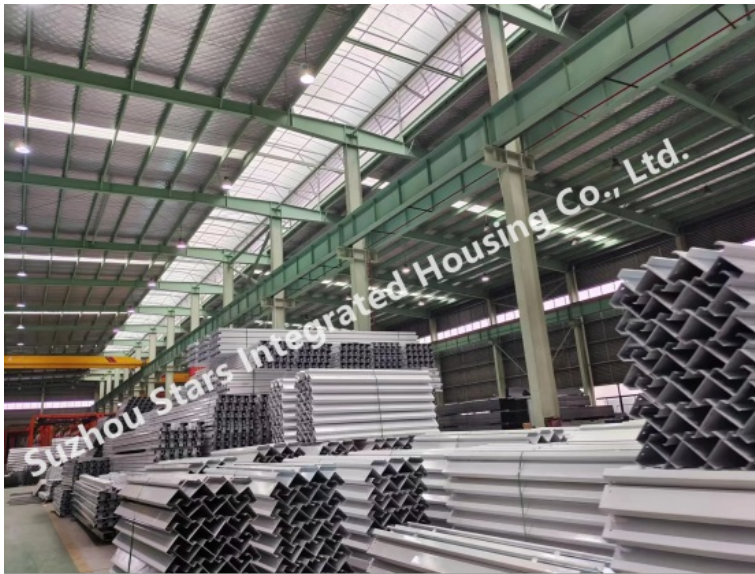
Equipped with complete production lines, including sandwich panel production machines and steel structure production line, with 5000 square meter workshop and professional staff, we already built long-term business with domestic giants like CSCEC and CREC. Also, based on our export experience in the 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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