



## PPGI Color Steel Sandwich Panel Fireproof Rock Wool Foam Composite Steel Plate

### Our Product Introduction

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#### Basic Information

- Place of Origin: china
- Brand Name: INFINITE STARS
- Model Number: H
- Minimum Order Quantity: 7 Sets
- Price: dollar10 /1
- Delivery Time: 1-3work days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 /day



#### Product Specification

- Name: Color Steel Sandwich Panel
- Thickness: 50mm/75mm/100mm/150mm/200mm
- Width: 950mm/1150mm
- Color: Customizable
- Length: Customizable
- Wind Resistance:  $\geq 150$  Km/h
- Material: Color Steel Sheet + EPS/XPS/PU/Rock Wool Core + Color Steel Sheet
- Sound Insulation:  $\geq 20$ dB
- Thermal Conductivity: 0.020-0.024 W/mK
- Compressive Strength: 150-200 KPa
- Density: 60-90 Kg/m<sup>3</sup>
- Fireproof Rating: A1/A2/B1/B2
- Water Absorption:  $\leq 3\%$
- Surface Treatment: PE/PVDF/HDP/SMP



#### More Images



## Product Description

### Product Description: Color Steel Rockwool Sandwich Panel

Color Steel Rockwool Sandwich Panel is a high-quality building material that combines the durability of color-coated steel with the excellent thermal and acoustic insulation properties of rockwool. These sandwich panels are widely used in various construction applications, providing reliable insulation and structural support.

#### Key Features:

**Color Steel Facing:** The outer facing of the sandwich panel is made of color-coated steel, which offers exceptional durability, weather resistance, and aesthetic appeal. The color steel facing comes in a variety of colors and finishes to suit different architectural styles and preferences.

**Rockwool Core:** The core of the sandwich panel is composed of rockwool insulation material, which is renowned for its excellent thermal and acoustic insulation properties. Rockwool is non-combustible, water-resistant, and resistant to mold and mildew growth, making it an ideal choice for building insulation.

**Sandwich Panel Structure:** The color steel facing and rockwool core are bonded together using advanced adhesive technology to form a sturdy and durable sandwich panel. This construction provides excellent structural integrity, thermal insulation, and soundproofing capabilities.

**Fire Resistance:** Color Steel Rockwool Sandwich Panels are inherently fire-resistant due to the non-combustible nature of the rockwool core. This makes them suitable for use in buildings where fire safety is a priority, providing added peace of mind to building owners and occupants.

**Easy Installation:** Color Steel Rockwool Sandwich Panels are lightweight and easy to install, reducing construction time and labor costs. They can be easily cut to size and installed using standard tools and techniques, making them suitable for a wide range of construction projects.

**Versatile Applications:** Color Steel Rockwool Sandwich Panels are suitable for various applications, including exterior wall cladding, roofing, partition walls, and ceiling panels. They are commonly used in industrial buildings, commercial complexes, warehouses, cold storage facilities, and residential homes.

#### Conclusion:

Color Steel Rockwool Sandwich Panels offer a versatile and cost-effective solution for building insulation and cladding. With their combination of durability, thermal insulation, acoustic insulation, and fire resistance, these sandwich panels provide superior performance and energy efficiency for a wide range of construction projects.

For high-quality building insulation and cladding solutions, choose Color Steel Rockwool Sandwich Panels. With their durable construction, excellent insulation properties, and easy installation, these panels offer unmatched value and performance for your building projects.

| Feature            | Description   |
|--------------------|---|
| Material           | Consists of two layers of color-coated steel sheets bonded to a core material, typically polyurethane or EPS. |
| Insulation         | Provides excellent thermal insulation properties, helping to maintain interior temperatures.                  |
| Strength           | Offers high structural strength and rigidity, enhancing the overall stability of the building structure.      |
| Lightweight        | Despite its strength, the sandwich panel is lightweight, making it easy to handle and install.                |
| Weather Resistance | Color steel outer layers provide protection against corrosion, UV radiation, and extreme weather conditions.  |
| Fire Resistance    | Fire-retardant properties enhance safety and compliance with building codes and regulations.                  |
| Versatility        | Suitable for various applications, including roofing, wall cladding, and partition walls.                     |
| Customization      | Available in different thicknesses, colors, and surface finishes to meet specific project 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

Storage and shipping



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