

200mm Soundproof PIR Sandwich Panel Fire Resistant Customized

Our Product Introduction

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Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: CE
- Model Number: Polyurethane Sandwich Panel
- Minimum Order Quantity: Discussible
- Price: Reasonable
- Packaging Details: In general, for steel structure, we use the steel frame packing to keep goods not to be broken. For sandwich panel and color steel sheet, we use the plastic packing. If the clients need special packing will according to their requirements.
- Delivery Time: 15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 Square Meters per Day



Product Specification

- Product Name: 200mm Soundproof Waterproof Heat Insulation Pur Pir Pu Polyurethane Sandwich Panel
- After-sale Service: Online Technical Support
- Structure: Sandwich Panel
- Heat Insulation: Yes
- Color: RAL
- Design Style: Modern
- Width: 1000mm
- Length: Customized
- Highlight: **200mm PIR Sandwich Panel,
Soundproof PIR Sandwich Panel,
200mm fire resistant sandwich panels**

Product Description

200mm Soundproof Waterproof Heat Insulation Pur Pir Pu Polyurethane Sandwich Panel

Product Description:

Polyurethane Sandwich Panel is the perfect choice for a variety of applications, such as wall cladding, partition walls, cold storage rooms and ceiling panels. It is made from high-quality polyurethane insulation material, with steel thickness ranging from 0.4mm to 0.8mm. The structure of the panel is a sandwich construction that provides excellent thermal insulation and sound absorption. It is available in various colors to match your design needs. In addition, our Polyurethane Sandwich Panel comes with an online technical support after-sale service, so you can rest assured knowing that your purchase is backed up with reliable customer service.

Our Polyurethane Sandwich Panel is an environmentally friendly and cost-effective product, making it the ideal choice for energy-saving projects. With its lightweight construction, this panel is also easy to install and maintain. Furthermore, our Pu insulation polyurethane sandwich panel for wall offers superior fire resistance, making it a great choice for fire-rated applications. And, our insulated Pu polyurethane sandwich panel ensures a safe and comfortable living environment with its soundproofing and heat insulation properties.

In conclusion, our Polyurethane Sandwich Panel is the perfect solution for a variety of construction needs. It is a high-performance product that offers superior insulation, fire resistance, soundproofing, and heat insulation properties. Additionally, this panel is available in various colors and accompanied by an online technical support after-sale service. All of these features make it an ideal choice for energy-saving projects.

Features:

1. Efficient insulation.
2. Corrosion resistance.
3. Wide, light, and thin-walled.
4. Stable quality and high production efficiency.
5. Good weather resistance and easy installation.

Applications:

The BAODU Polyurethane Sandwich Panel is an ideal choice for all types of applications where thermal insulation and structural integrity are important. With its superior insulation properties, it can help to maintain optimal temperature levels in buildings, resulting in improved energy efficiency. The panels are made of durable steel with a thickness of 0.4mm-0.8mm and a polyurethane core to provide superior insulation and strength. The panel is available in custom thicknesses ranging from 50mm-200mm and in a wide variety of colors. It is also lightweight, easy to install and ideal for use in both roof and wall applications. Additionally, it has a CE certification and is available in minimum order quantities that are discussible.



Technical Parameters:

Allowable vertical load and thermal performance of BAODU polyurethane sandwich wall panel (allowable deflection $f \leq L/200$)								
S(mm)	W/m ² k	G(kg)	P=KN/m ²	0.60	0.80	1.00	1.20	1.50
50	0.31	10.06	L(m)	3.52	3.04	2.69	2.42	2.11
75	0.21	11.06	L(m)	4.71	4.09	3.64	3.29	2.89
100	0.19	12.05	L(m)	5.76	5.02	4.47	4.05	3.56
120	0.16	12.84	L(m)	6.53	5.68	5.07	4.60	4.04
150	0.11	14.04	L(m)	7.56	6.58	5.87	5.32	4.68
Note:0.5mm outer steel sheet and 0.4mm inner steel								
Allowable Span and Thermal Conductivity of BAODU Polyurethane Roof Sandwich Panel(allowable deformation $f \leq L/240$)								
S(mm)	W/m ² k	G(kg)	P=KN/m ²	0.60	0.80	1.00	1.20	1.50
30	0.32	9.32	L(m)	2.60	2.30	2.08	1.91	1.72
50	0.31	10.15	L(m)	3.59	3.17	2.85	2.61	2.33
75	0.21	11.18	L(m)	4.64	4.07	3.66	3.34	2.96
100	0.19	12.22	L(m)	5.57	4.88	4.38	3.99	3.53
120	0.16	13.05	L(m)	6.28	5.49	4.92	4.48	3.97
150	0.11	14.3	L(m)	7.30	6.39	5.73	5.22	4.62
Note:0.5mm outer steel sheet and 0.4mm inner steel								

Support and Services:

- Polyurethane Sandwich Panel technical support and services include:
- On-site installation service
 - 24/7 customer service hotline
 - Advice and consultation on product selection
 - Troubleshooting and technical support
 - Regular maintenance
 - Replacement parts
 - Warranty and guarantee service

Packing and Shipping:



Why Buy From BAODU?

BAODU sandwich composite panels have good insulation and heat resistance performance, also have features of high strength, beautiful appearance, fast assembly, fire-proof, heat-proof, flame retardation, etc. Our products are mainly used for building envelopes and all kinds of insulation cladding walls for different construction. We also have rockwool sandwich panel production line, large bending machine, shearing machine, drilling machine and CNC control system and automatic cutting, automatic assembly, automatic welding, automatic straightening equipment. That totally eliminates the faults from manual operation. Our strong technical force and highlight scale effect help us to become the first-class fabrication and installation company for steel structure and wall panels.



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