

Insulated Pu Sandwich Panel 50mm-200mm Thickness

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: \$10-12square meter
- 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: 15days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 Square Meters per Day



Product Specification

- Product Name: Insulated Polyurethane Sandwich Wall Roof Panel 50mm-200mm Thickness
- Color: RAL Color;Customized
- After-sale Service: Online Technical Support
- Width: 1000mm
- Moistureproof: Yes
- Density: 40-42kg/m³
- Heat Insulation: Yes
- Soundproof: Yes
- Highlight: **50mm thickness polyurethane sandwich panel, insulated pu sandwich panel, 200mm thickness pu sandwich panel**

Insulated Polyurethane Sandwich Wall Roof Panel 50mm-200mm Thickness

Product Description:

Polyurethane Sandwich Panel is a modern and efficient type of roofing and wall cladding material. It consists of two metal sheets and a polyurethane core that provides excellent insulation and structural properties. The PU core has a density of 40-42kg/m³, making it highly durable and able to withstand extreme weather conditions. Moreover, it is available in a wide variety of colors and customizable lengths to suit customer needs. It is also designed to be fire-resistant, offering superior heat insulation and excellent sound absorption, making it a popular choice for industrial, residential, and commercial applications. The PU Sandwich Panel is also a lightweight solution which is easy to install and maintain, making it an ideal option for any building.

Features:

Strong sound insulation
 Waterproof and moisture-proof
 Class A fire protection
 Heat preservation

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								

Applications:

BAODU Polyurethane Sandwich Panel is a great choice for many types of construction projects. It is an innovative product designed to provide excellent insulation, thermal and acoustic performance, and is perfect for applications such as roof systems, building envelopes, and wall cladding. It is made of high-quality Polyurethane material and is an ideal solution for energy-efficient construction. This product is available in a variety of sizes, shapes, and colors, and is easy to install and maintain. It also has excellent moisture-proof properties, and is resistant to corrosion and chemical attack. It is certified by CE and meets international standards.

- Warehouse
- Workshop
- Farm building
- Prefabricated house
- Hangar
- Cold storage

Support and Services:

We provide technical support and services for our Polyurethane Sandwich Panel product. Our technical support team is available to answer any questions you may have regarding installation, operation, and maintenance. We also offer a full range of after-sales services, including repairs, replacements, and upgrades. Our customer service team is always available to help with any inquiries or problems you may have. We strive to provide the highest level of customer service and satisfaction.

Packing and Shipping:

Packaging and Shipping for Polyurethane Sandwich Panel:

The Polyurethane Sandwich Panel must be packaged and shipped in a manner that will prevent damage. The packages must be clearly labeled with the product name and a description of the contents. The packages must also be secured in a way that will prevent any shifting during transport. The packages must also be protected from the elements, such as water, dust, and extreme temperatures. Shipping of the Polyurethane Sandwich Panel must be done by a reliable shipping company with a good track record of on-time delivery. The shipping company must be able to provide tracking information and should be able to provide insurance if necessary.



Baodu International Advanced Construction Material Co., Ltd.

+86 13717927965

chunlei.song@baodu.com

baodupanel.com

Room 1101, Building 6, Yard 9, Hongye Road, Daxing District, Beijing