



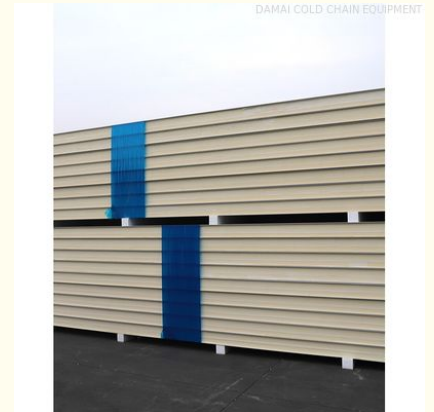
## Energy Saving Cold Room Panel for Thermal Insulation Moisture Proofing and Fire Protection

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-LKB-002
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Customized
- Delivery Time: 30 Work days
- Payment Terms: T/T;L/C
- Supply Ability: 1000000 /year



#### Product Specification

- Features: Energy-saving, Thermal Insulation, Moisture-proof, Fireproof
- Joint Method: Cam-lock, Plug -in,etc
- Application: Food Storage/Pharmaceutical Storage
- Room Size: From 10 M³ To 100000m³
- Single Gross Weight: 5000.0 Kg
- Keywords: Coldroom Cold Storage
- Temperature Range: -45 To 20
- Size: As Require
- Highlight: **energy saving cold room panel,**  
**energy saving cold room sandwich panel,**  
**fireproof cold room panel**



## Product Description

### Product Description:

Parameter Description	
Product Name	Polyurethane Sandwich Composite Panel/ Cold storage panels
Thickness	100/120/150/200mm customizable
Density	≥38(kg/m3)
Heat Transfer Coefficient	0.45W/(m2.k)
Thermal Conductivity	0.024W/(m.k)
Oxygen Index	28%
Combustion Performance	EN13501-B s2d0
Main Application Occasions	cold room panel

Sheet name	Polyurethane wall panel
Effective lap (mm)	1000mm
Plate thickness (mm)	50/75/100/120/150/200
Color plate thickness (mm)	0.4-0.8
Optional panels	Color coated steel, stainless steel, galvanized steel
Regular colors	White gray, large wall gray, dark blue
Plate effect	flat, embossed, small ripples, pressure ribs



### Features:

#### 1. Advantages of PIR Rigid Foam:

PIR rigid foam is known for its exceptional thermal insulation performance, high compressive strength, flexible configuration, and easy installation. Its thermal insulation performance ensures that it offers maximum insulation with minimum thickness, making it the perfect choice for construction purposes. The high compressive strength makes it suitable for load-bearing applications and provides excellent protection. Its flexible configuration allows architects and engineers to design and construct customized structures that meet the requirements of different projects. The easy installation process saves time and money.

#### 2. Fire Resistance of PIR Rigid Foam:

PIR rigid foam is a highly desirable building material because of its excellent fire resistance properties. During combustion, a coking protective layer is formed which does not melt or drip like EPS foam and XPS foam. The fire resistance property can be improved by composite with metal plate. The combustion performance of PIR rigid foam meets the national standard of 8624-2012 B1 grade. These features make it the ideal choice for construction in buildings where fire hazards may be present.

#### 3. Unique Panel Type Airtight Structure Technology:

The unique panel type airtight structure technology makes the adjacent plate joint insulation layer much more organically integrated, which greatly improves the airtight performance of the entire structure. This feature also ensures that the PIR rigid foam is more suitable for air conditioning storage. The airtight structure technology reduces energy consumption and protects the environment.

### Applications:

Cold Room Panel, also known as cool room insulation panels, are an essential component for food storage and pharmaceutical storage. DM-LKB-001 is a reliable and durable product that has been manufactured in CHINA. The product is certified by CE and ISO, ensuring its quality and safety.

The minimum order quantity for DM-LKB-001 is 1, and the price ranges from \$200 to \$100000, depending on the order quantity. The delivery time for the product is 30 work days, and the payment terms are T/T and L/C. With a supply ability of 1000000 /year, DM-LKB-001 is a readily available product.

The single gross weight of DM-LKB-001 is 5000.0 Kg, and it can be installed using cam-lock, plug-in, and other joint methods. The compressive strength of the product is ≥160kPa, making it ideal for use in environments where pressure is ≥0.5MPa.

DM-LKB-001 is perfect for various application occasions and scenarios. In the food industry, it can be used for cold storage, refrigeration, and quick-freezing rooms. It can also be used for pharmaceutical storage, where temperature control is critical for the preservation of medication.

In summary, DM-LKB-001 is a high-quality cold room panel that provides excellent insulation and temperature control for food and pharmaceutical storage. Its reliability, durability, and ease of installation make it an ideal choice for various application occasions and scenarios.

### Support and Services:

Our Cold Room Panel product comes with comprehensive technical support and services to ensure optimal performance and longevity. Our team of experts is available to provide assistance with installation, maintenance, and troubleshooting. We also offer training programs to help you get the most out of your cold room panel system and ensure proper use and care. In addition, we provide regular maintenance and inspection services to keep your system running smoothly and identify any potential issues before they become a problem. Contact us to learn more about our technical support and services for the Cold Room Panel product.



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