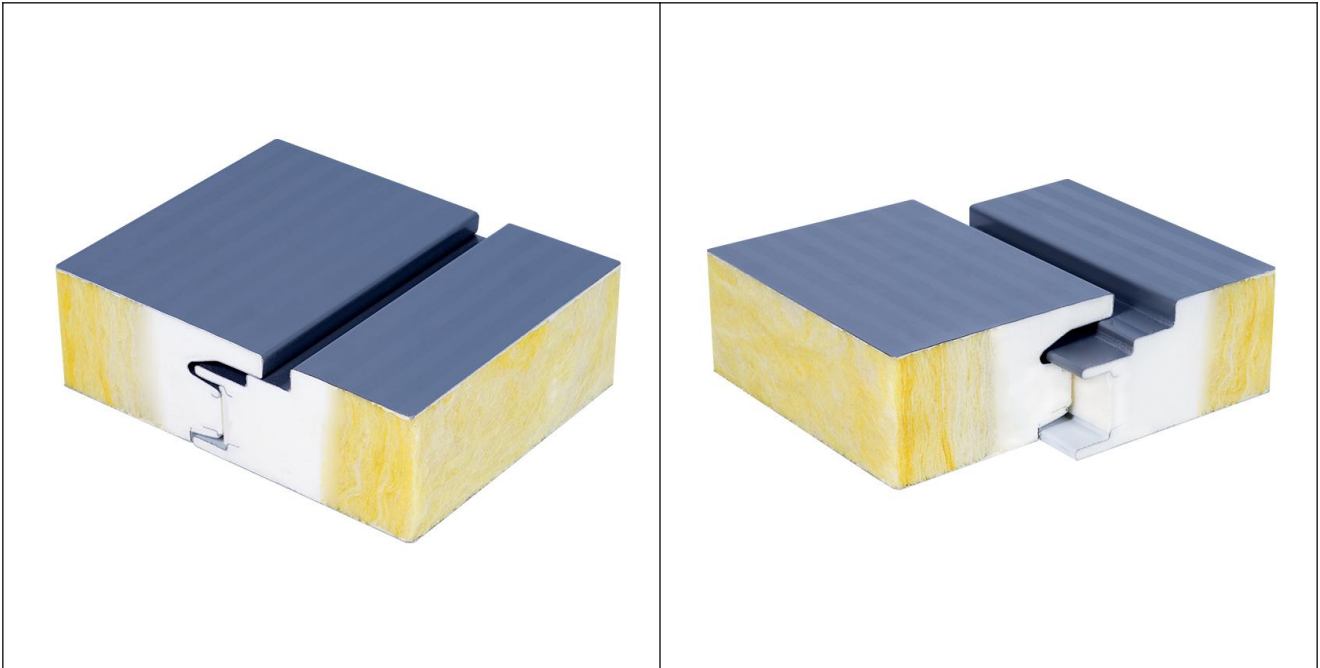


PU Edge Sealing Glass Wool Panel



1. Product Introduction

Polyurethane-edge-sealed glass wool sandwich panels are high-performance composite panels consisting of a glass wool core sandwiched between two metal sheets, with polyurethane (PUR) foam injected along the edges for enhanced insulation and structural stability. These panels are widely used in construction for their superior thermal and acoustic insulation, fire resistance, and durability.

2. Advantages

1. Excellent Thermal Insulation-Glass wool core combined with PUR-sealed edges minimizes heat transfer.
2. Superior Fire Resistance-Glass wool is non-combustible (A1 fire rating), making it ideal for fireproof structures.
3. Sound Absorption-Effective noise reduction for industrial and commercial buildings.
4. Lightweight & Durable-Easy to install while maintaining high strength and weather resistance.
5. Eco-Friendly-Made from recyclable materials, reducing environmental impact.

3.Applications:

- Industrial & Warehouses – Ideal for factories, cold storage, and logistics centers.
- Commercial Buildings – Used in offices, shopping malls, and hospitals for energy efficiency.
- Residential & Public Facilities – Suitable for soundproof partitions and fire-resistant walls.

4.Data Base

PU Edge Sealing Glass Wool Panel	
Surface Steel Thickness	0.4 mm— 0.8mm
Surface Panel Material	PPGI /Stainless steel/Aluminium sheet
Panel Thickness	50mm/75mm/100mm/150mm/200mm
Panel Standard Width	400mm-1100mm
Panel Length	Customized according to customer requirements
Core Material Density	40-65kg/m ³
Combustion Performance	Class A
Thermal Insulation Property	≤0.04W (M.K)
Noise Reduction Performance	Average sound insulation ≥37dB (50mm)
Durability	Chemically stable, surpassing organic materials
Operating Temperature	-268°C to 700°C
Inner/outer steel plate thickness, coating, and manufacturer can be customized per client requirements	