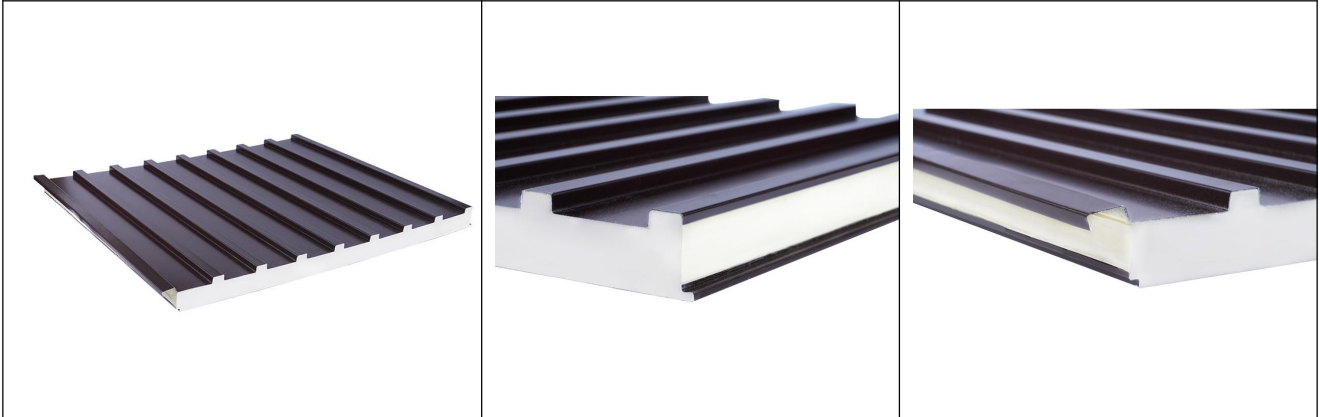


PU Great Wall Insulated Roof Panel



1. Product Introduction

Polyurethane Great Wall roofing panels are high-performance building materials made from polyurethane foam core sandwiched between durable metal sheets. These panels offer excellent thermal insulation, fire resistance, waterproofing, and structural strength, making them ideal for industrial, commercial, and residential roofing applications.

2. Advantages

1. Superior Insulation: The polyurethane core provides outstanding thermal efficiency, reducing energy costs.
2. Lightweight & Durable: Easy to install yet highly resistant to weather, corrosion, and impact.
3. Fireproof: Meets stringent fire safety standards due to self-extinguishing properties.
4. Waterproof & Moisture-Resistant: Prevents leaks and condensation, ensuring long-term durability.
5. Eco-Friendly: Energy-saving properties contribute to sustainable construction.

3. Applications:

Widely used in factories, warehouses, cold storage, sports venues, and agricultural buildings. Suitable for both new projects and renovations.

4.Data Base

PU Great Wall Insulated Roof Panel	
Surface Steel Thickness	0.4 mm— 0.8mm(PPGI) 0.5-1.0 (AL-Mn-Mg alloy sheet)
Surface Panel Material	PPGI /AL-Mn-Mg alloy sheet
Panel Thickness	45mm/65mm
Panel Width	950mm
Panel Length	Customized according to customer requirements
Core Material Density	34-40kg/m ³
Usual Colors	Coffee /Gray
Thermal Conductivity	0.019-0.024 (W/m·K)
Rocommended Steel Manufacturers	Baosteel, Ye Chien, Bluescope, Guanzhou, Xinyu, Shenlong and so on