



**EPS Sandwich Wall Panels**  
610mm x 2440mm | Superior Insulation & Durability for Modern Construction

**Key Features**

- Optimal Dimensions:** 610mm (width) x 2440mm (length) – Ideal for rapid, modular installations.
- Adjustable Thickness:** Wall panels from 75mm to 250mm, tailored to insulation and structural needs.
- Premium Facing:** Dual-sided Fiber Cement Boards (5mm to 18mm thickness options) for unmatched strength and weather resistance.
- EPS Core:** Expanded Polystyrene ensures lightweight construction, thermal efficiency, and moisture resistance.
- Fire-Resistant:** Meets stringent safety standards (Class A Fire Rating).

**Technical Specifications**

Parameter	Details
Panel Size	610mm (W) x 2440mm (L)
Total Wall Thickness	75mm – 250mm (customizable)
Board Thickness	5mm – 18mm (fiber cement on both sides)
Thermal Conductivity	0.035 W/m-K (excellent insulation)
Fire Rating	Class A (non-combustible)
Density	15-20 kg/m <sup>3</sup> (lightweight)
Load-Bearing Capacity	Up to 150 kN/m <sup>2</sup> (structural versatility)
Installation	Mechanically fixed or adhesive bonding

**Benefits**

- Energy Efficiency:** Slash heating/cooling costs with superior EPS insulation.
- High Strength:** Fiber cement boards provide impact resistance and durability.
- Lightweight:** Easy to handle, reducing labor and transport costs.
- Weatherproof:** Resists moisture, corrosion, and pests for long-term use.
- Eco-Friendly:** Recyclable materials and energy-efficient production.
- Quick Installation:** Prefabricated design cuts construction time by 50%.

**Applications**

- Commercial & Industrial Buildings** (warehouses, factories)
- Residential Complexes** (partition walls, exterior cladding)
- Cold Storage & Refrigerated Units**
- Interior Partitions & False Ceilings**
- Renovation Projects** (retrofit insulation)

**Why Choose WEB Housing Panels?**

- Certified Quality:** ISO-compliant manufacturing.
- Custom Solutions:** Tailor thickness, size, and finishes to your project.
- Expert Support:** End-to-end guidance from design to installation.
- Fast Delivery:** Panels prefabricated for quick turnaround.



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