

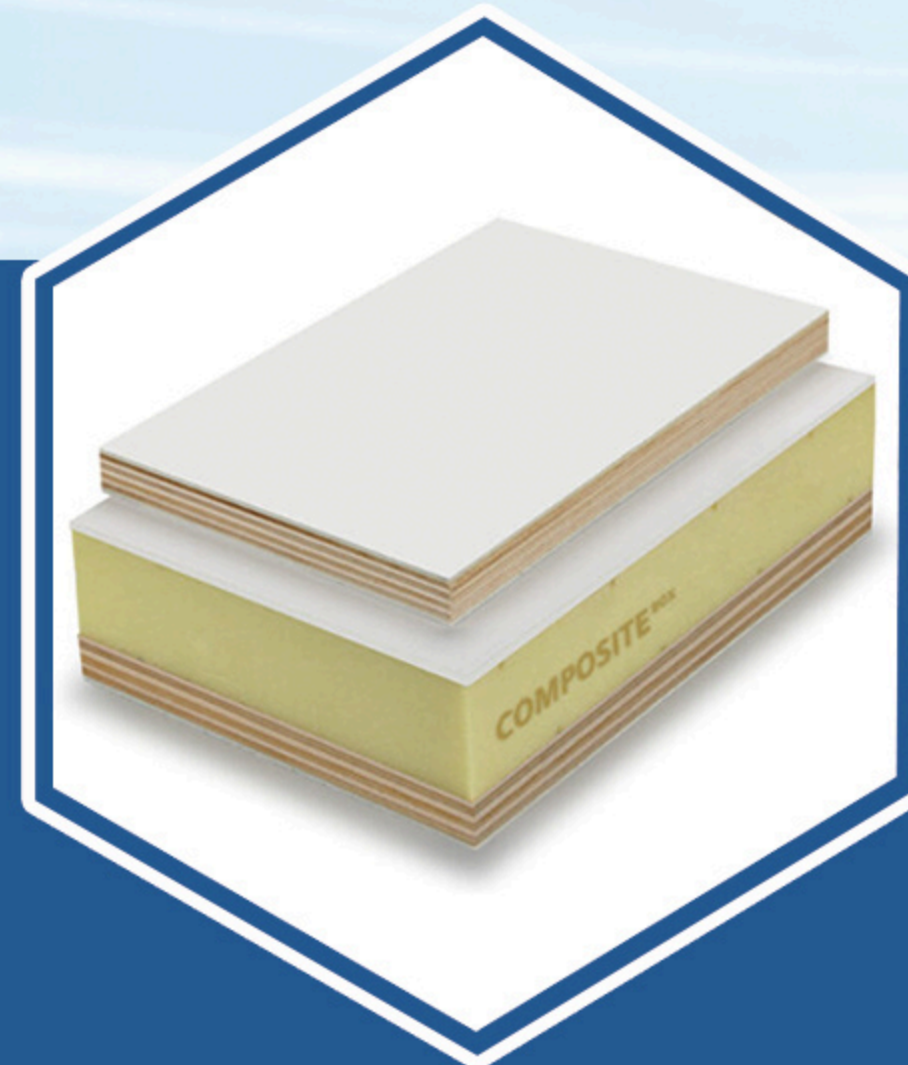
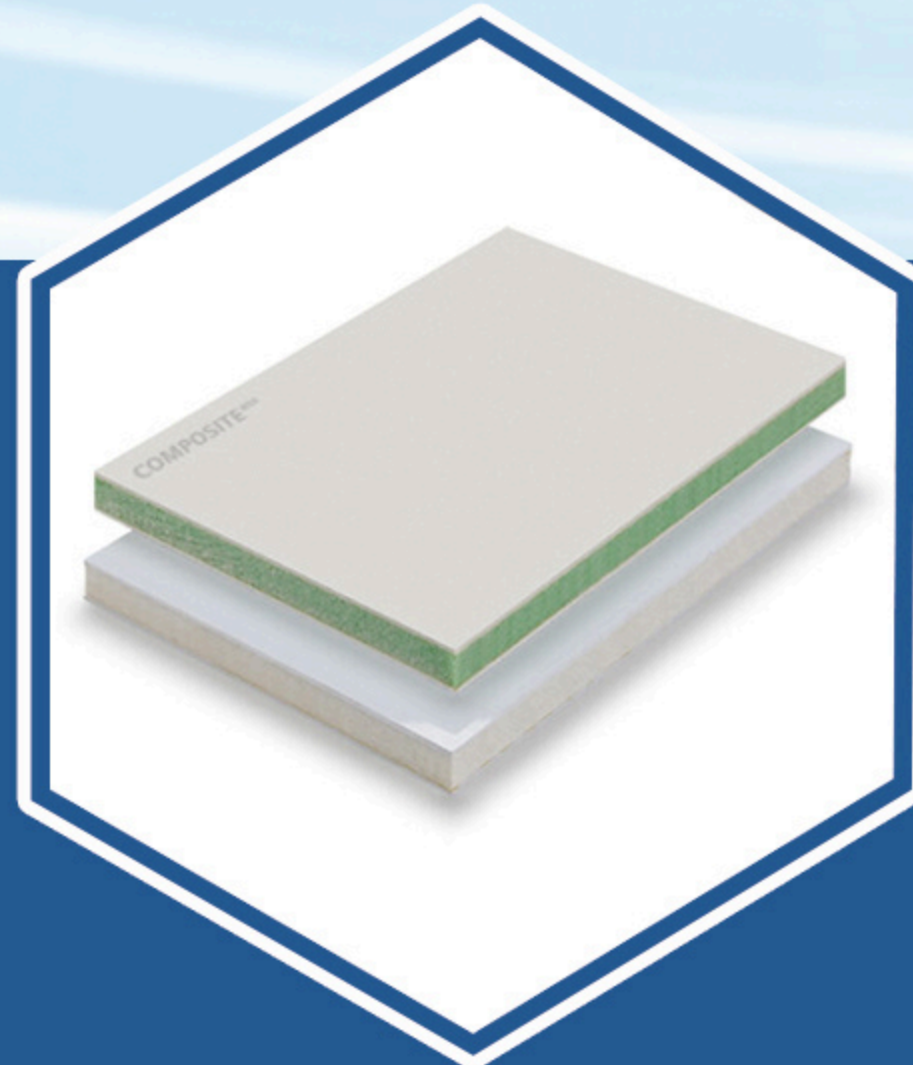
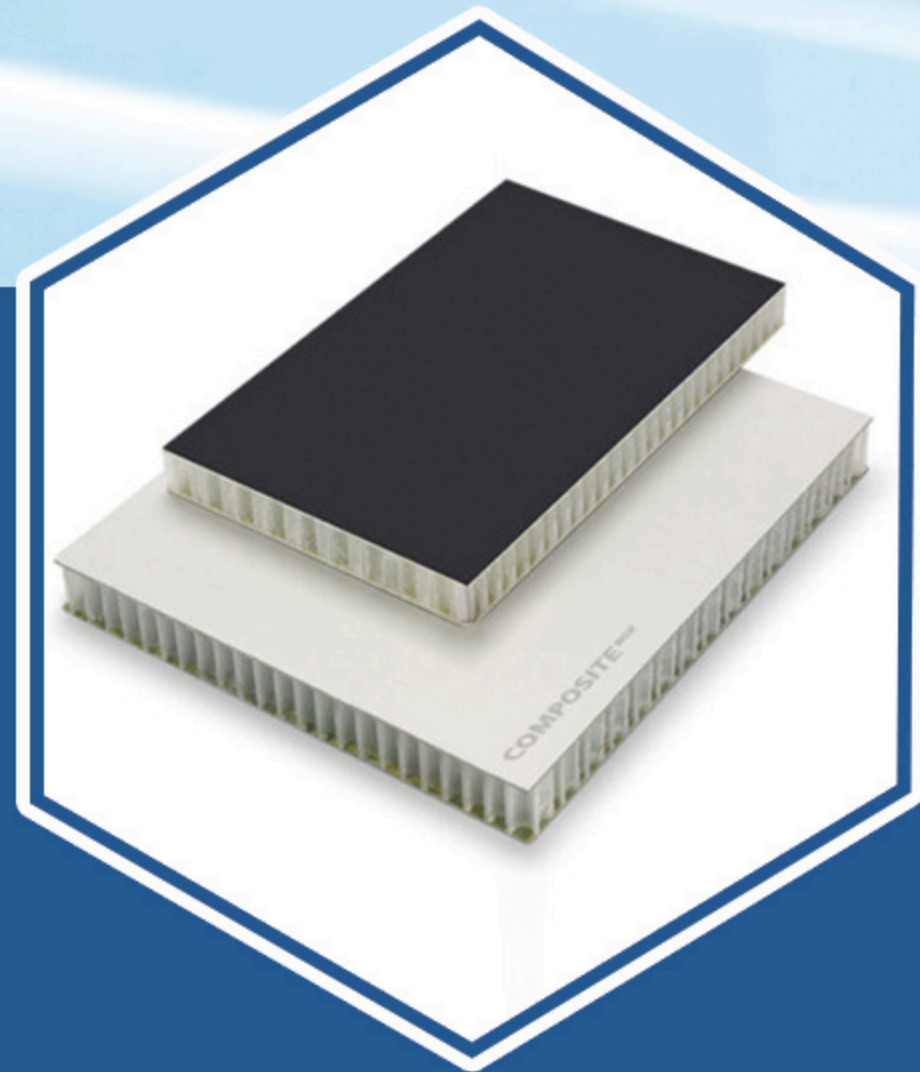
CONTACT US

Rigid PU Foam Insulation Foam

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Rigid PU Foam Insulation Foam

Description:

Rigid polyurethane foam offers a closed-cell structure with exceptional thermal insulation (0.022 – 0.028 W/m/K). Lightweight (32 – 65 kg/m³), it provides high compressive strength and durability. CFC-free, flame-retardant, and resistant to thermal expansion, it ensures long-term stability. Easy to process with CNC machining, it bonds well with materials like fiberglass for versatile applications.

Features:

PU foam surpasses XPS, PVC, and PET with lower thermal conductivity and density (as low as 35 kg/m³). It withstands extreme temperatures (-38 ° C to 118 ° C) and is flame-retardant, forming charcoal to halt fire spread. With high hardness (25 – 70 Shore A), it resists deformation, offering cost-effective, durable insulation.



Advantages:

Rigid PU foam boards deliver superior insulation for buildings, cold storage, and refrigerated trucks. With low density (32 – 65 kg/m³) and excellent thermal conductivity (0.022 – 0.028 W/m/K), they ensure energy efficiency. Flame-retardant, durable, and easy to process, they’ re ideal for composite panels, ship structures, and mobile homes.

Common Parameters

			
Customer Satisfaction	Quality Assurance	Advanced Production Line	Customization
Insisting on high quality products and servers, centered around customer experience	We strictly control every production process to bring reliable quality assurance to our customers	The world’ s top production line ensures product precision and efficiency	We provide 100% customization, making orders less difficult