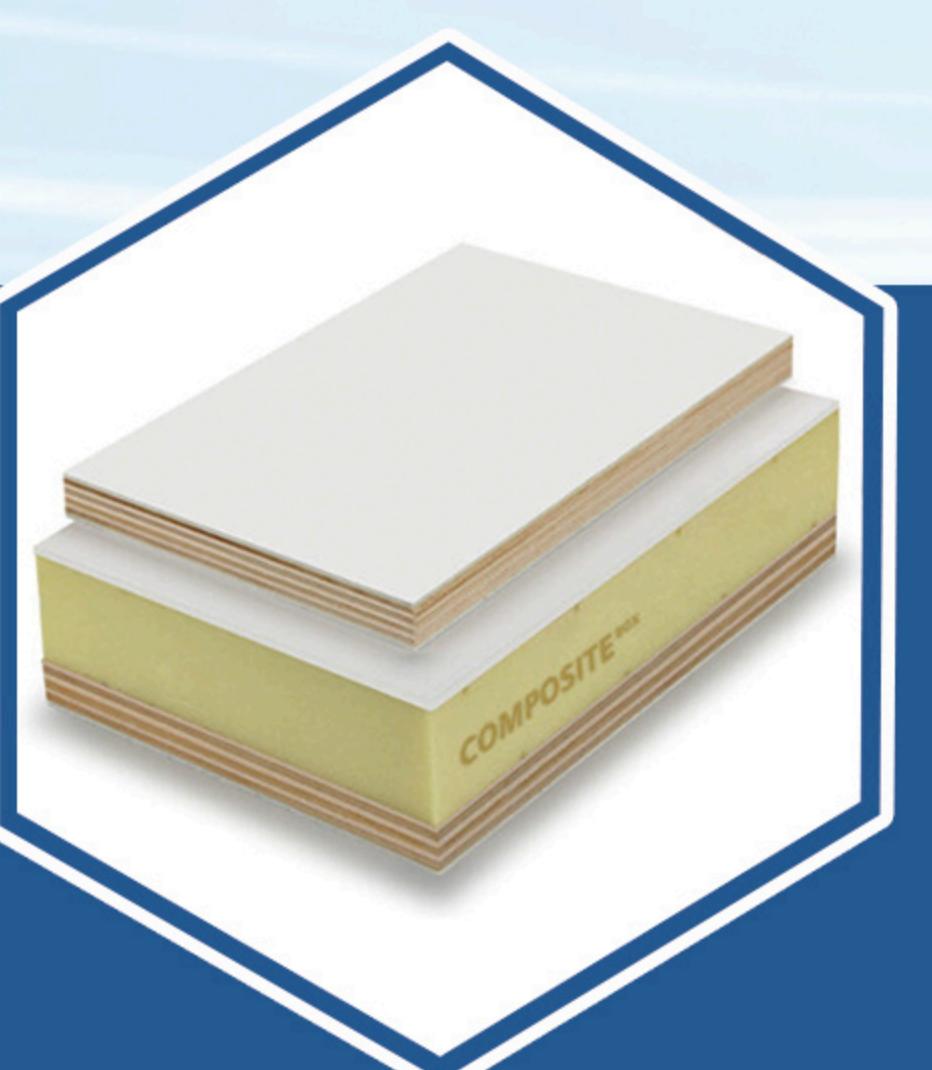
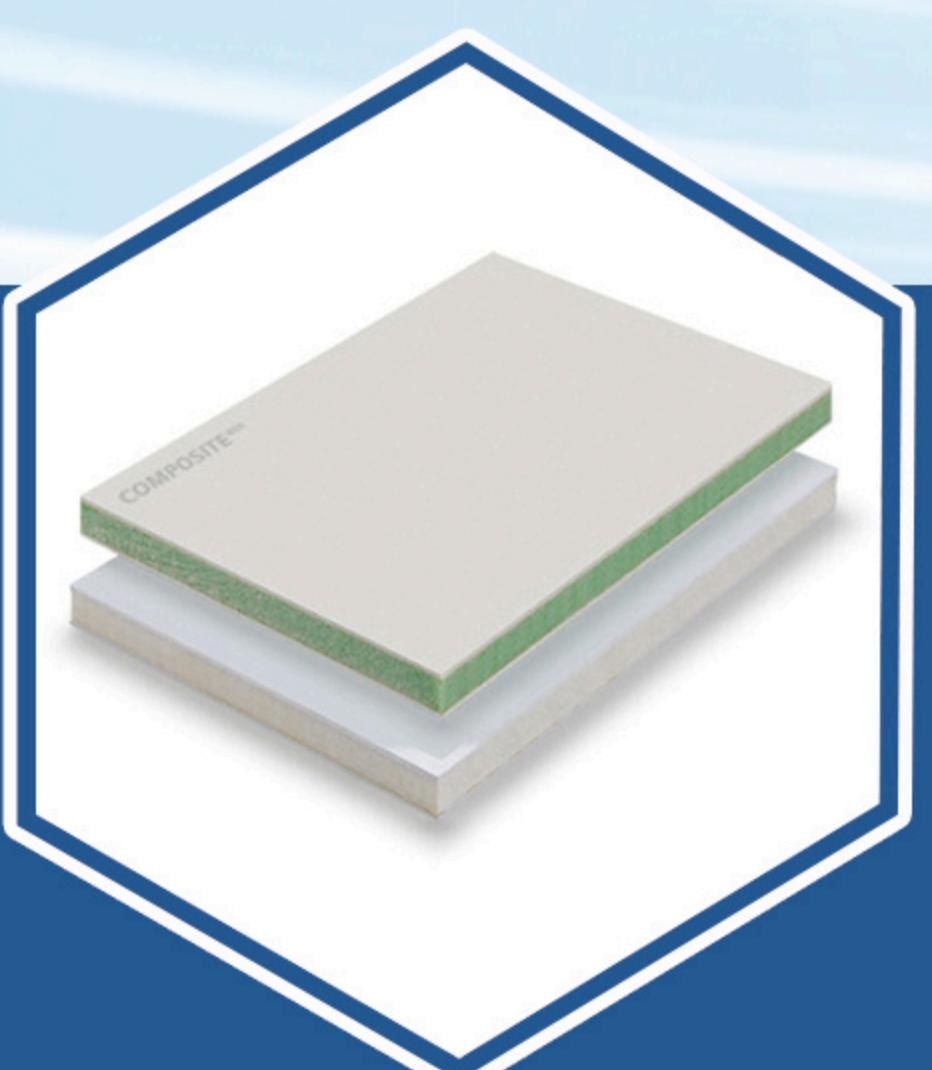
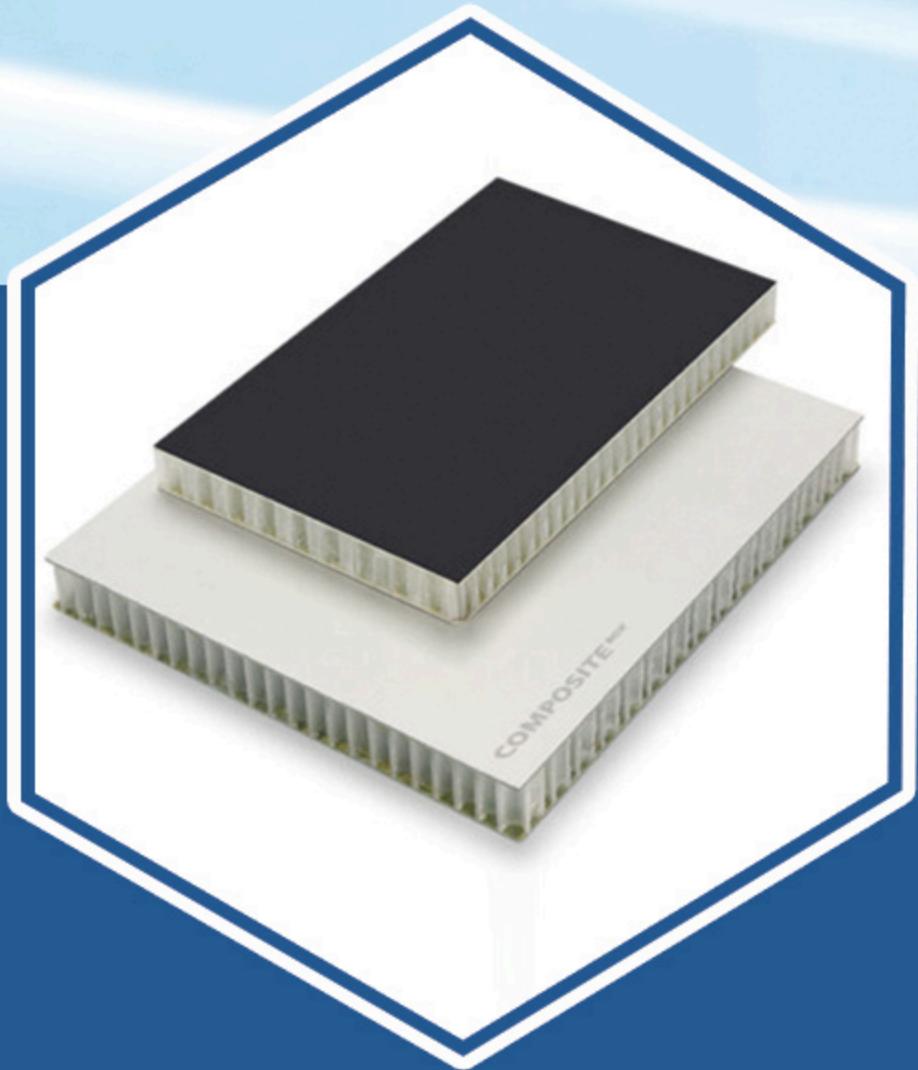


## CONTACT US

# 150mm Insulated Polyurethane Sandwich Panel

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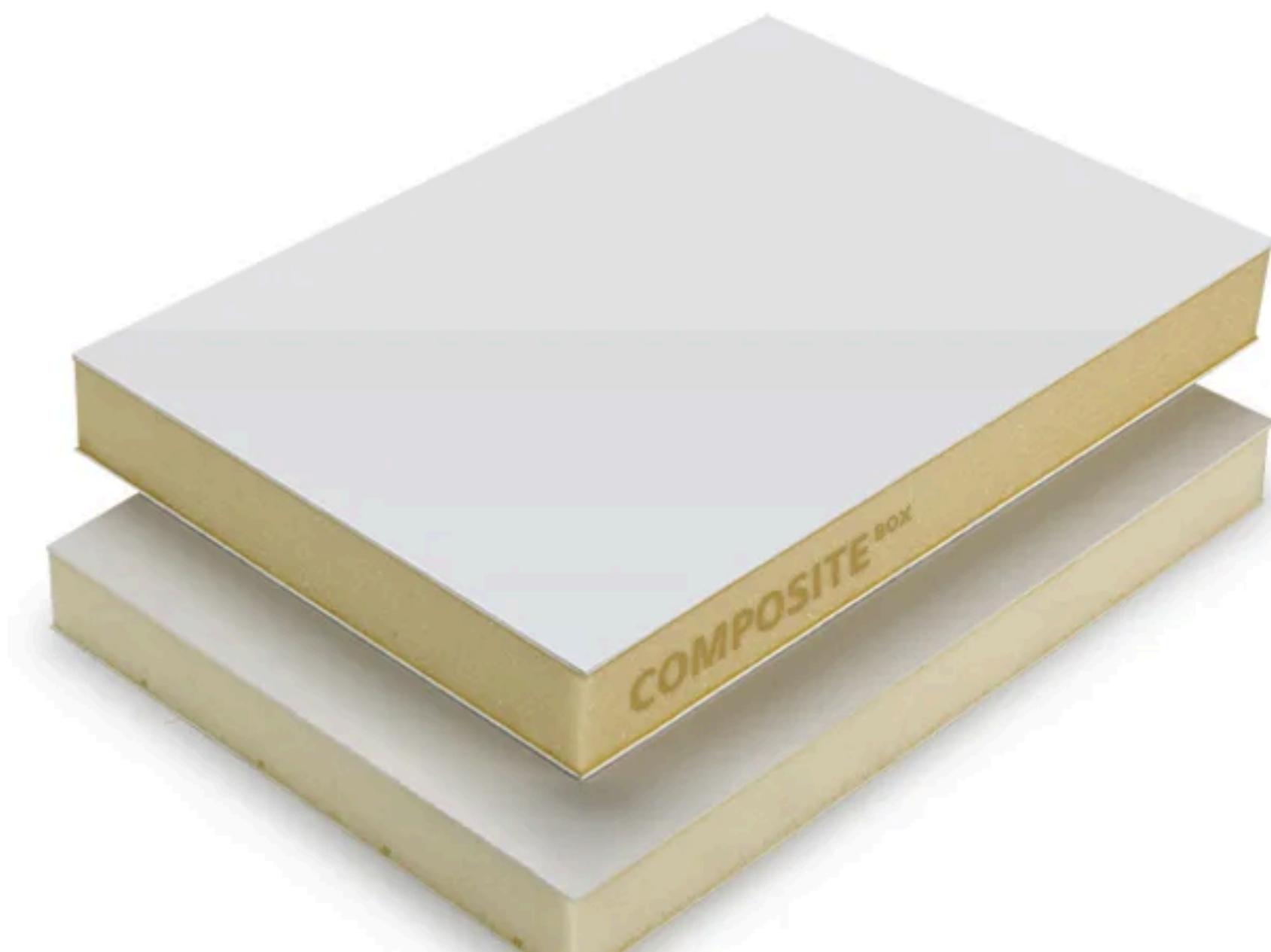
## 150mm Insulated Polyurethane Sandwich Panel

### Description:

Composite Box 150mm insulated polyurethane sandwich panels feature a high-density rigid PU foam core ( $41 - 46 \text{ kg/m}^3$ ) bonded between pre-coated galvanized steel, color-coated steel, or fiberglass (GRP/FRP) skins. With ultra-low thermal conductivity ( $\leq 0.022 \text{ W/m} \cdot \text{K}$ ) and Class B1 fire rating, these panels deliver exceptional energy-efficient insulation for refrigerated trucks, trailers, cold storage, shipping containers, and building envelopes.

### Features:

- 150mm thick rigid polyurethane foam core material.
- Density range of  $41 - 46 \text{ kg/m}^3$  for strength.
- Outer skins: galvanized steel, color-coated, or fiberglass.
- Thermal conductivity  $\leq 0.022 \text{ W/(m} \cdot \text{K)}$  for superior insulation.
- Class B1 fire rating per GB 8624-2012 standards.



### Advantages:

- Provides outstanding thermal insulation performance, dramatically reducing energy consumption for refrigeration units and maintaining stable temperatures in extreme conditions.
- Ensures long-term durability with minimal maintenance required, offering a service life exceeding 15 years in demanding refrigerated and industrial environments.
- Offers lightweight yet high-strength construction, lowering overall vehicle or structure weight while delivering excellent impact and compression resistance.
- Supports complete customization of dimensions, skin materials, colors, and reinforcements, perfectly suiting refrigerated trucks, cold storage, containers, and specialized insulation projects.

### Common Parameters

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