



Structural Composite Core Material

Description A core material produced entirely from composite components. **AmeriCore™** has excellent strength and stiffness, is lightweight, and achieves a chemical bond with all types of resins and adhesives. It is compatible with a variety of manufacturing processes and is resistant to moisture, temperature changes and exposure to chemicals such as styrene. It is an ideal core material for an extensive range of applications. All while being made from recycled materials.

Applications

- Marine
- Transportation
- Wind Energy
- Aerospace
- Construction
- Defense

Characteristics

- Excellent strength, stiffness, and dimensional stability
- Conformable to most surfaces
- Scored and scrimmed in a wide range of thicknesses
- Wide operating temperature range
- Excellent fatigue resistance
- Excellent sound and thermal insulation
- High impact strength
- 100% moisture resistance

Processing

- Open mold (hand lay/spray)
- Resin injection (RTM & Light RTM)
- Vacuum infusion
- Adhesive bonding



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