

Product Data Sheet: SphereCel SBF



SPHERE CEL[®]

LAMINATE BULKER

- The cost effective solution for open mold processes
- Used as core material
- Pressure stable nonwoven and compatible with all regular types of resins, including polyester, vinyl ester, phenolic and epoxy

CHARACTERISTICS

- Easy wetout in thick grades
- During wetout process material can be beveled, joined
- Excellent screw retention
- Low resin consumption
- Excellent shear and compression properties
- Eliminate backer plates for screw locations

INDUSTRIES

- Marine: hulls, decks and structures of boats and yachts
- Transportation: parts and panels of cars, trailers, trucks and RV's
- Mass transit: interior and exterior of trains, light rail and buses
- Leisure: kayaks, surfboards, pools and bath tubs
- Industrial: architectural panels, fans, containers and tanks
- Wind Energy: nacelle covers and blades

PROCESSING

Regular established practices for composites open mold lamination.

All tests carried out by independent laboratory. This information is provided in good faith and is subject to modifications without prior notification. It does not constitute a commitment, neither a contractual document. Carbon-Core Corp will not assume any liability from use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

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Product Description:	Non-woven core material		
Base material:	Glass veil, stitch bonded volumized with thermoplastic micro-spheres		
Thickness: (+/- 10%)	6 mm	8 mm	10 mm
Weight: (+/- 15%)	230 g/m ²	280 g/m ²	350 g/m ²
Width: (+ 40 / - 20 mm)	127 cm	127 cm	127 cm
Roll length:	40 m	35 m	30 m
Weight per roll: (approx.)	11.7 kg	12.5 kg	13.4 kg
Paper tube:	150 mm inner diameter		
Stitchbonding:	With synthetic fiber		
Packaging:	Plastic bag		
Storage:	Material should be stored in original packaging, away from humidity, in well-ventilated rooms, at a moderate temperature.		

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