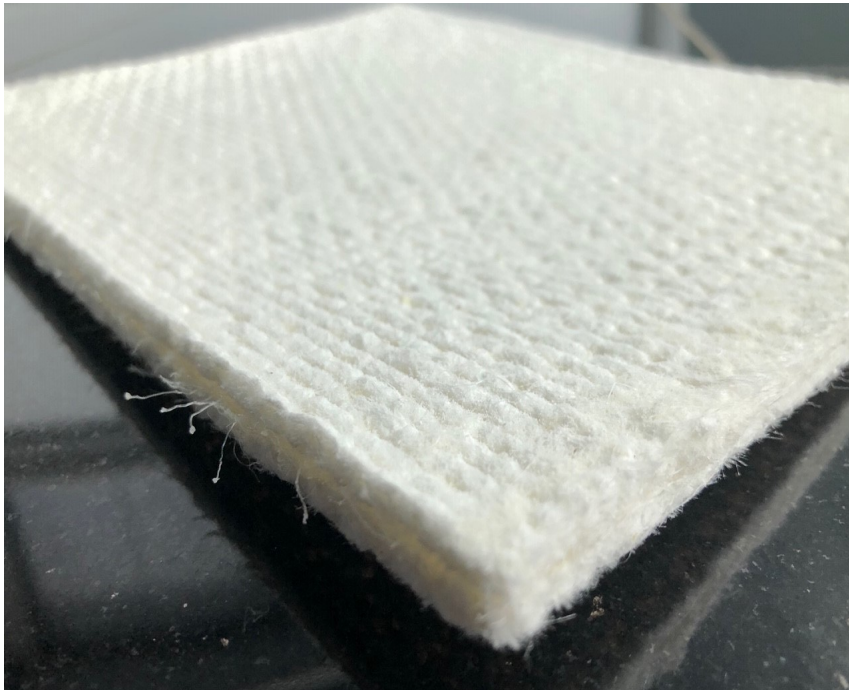


## Product Data Sheet: SphereCel SBF CM



### SPHERE CEL®

LAMINATE BULKER

- The cost effective solution for LRTM process
- Used as core material
- Pressure stable, stitchbonded with integrated flow media, volumized nonwoven and compatible with all regular types of resins, including polyester, vinyl ester, phenolic and epoxy

#### CHARACTERISTICS

- Easy wetout in thick grades
- Excellent screw retention
- Low resin consumption
- Excellent shear and compression properties
- Eliminate backer plates for screw locations
- Integrated resin flow media eliminates need for costly fiber reinforcements with flow media.

#### 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 closed mold lamination. Suitable for LRTM processing.

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.

**Mailing Address: Carbon-Core Corp. PO Box 332, Keswick, VA 22947**  
**Warehouse: Carbon-Core Corp. 48 Zion Station Court, Troy VA 22947**  
**Tel: 434-510-7115    info@carbon-core.com**

# Product Data Sheet: SphereCel SBF CM

<b>Product Description:</b>	Non-woven core material with flow medium		
<b>Base material:</b>	Glass veil, volumized with thermoplastic microspheres and needled polypropylene fibers		
<b>Thickness:</b> (+/- 10%)	6 mm	8 mm	10 mm
<b>Weight:</b> (+/- 15%)	480 g/m <sup>2</sup>	530 g/m <sup>2</sup>	600 g/m <sup>2</sup>
<b>Width:</b> (+ 40 / - 20 mm)	127 cm	127 cm	127 cm
<b>Roll length:</b>	35 m	30 m	25 m
<b>Weight per roll:</b> (approx.)	21.4 kg	20.2 kg	19.1 kg
<b>Paper tube:</b>	150 mm inner diameter		
<b>Stitchbonding:</b>	With synthetic fiber		
<b>Packaging:</b>	Plastic bag		
<b>Storage:</b>	Material should be stored in original packaging, away from humidity, in well-ventilated rooms, at a moderate temperature.		

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 form use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

**Mailing Address: Carbon-Core Corp. PO Box 332, Keswick, VA 22947**  
**Warehouse: Carbon-Core Corp. 48 Zion Station Court, Troy VA 22947**  
**Tel: 434-510-7115    info@carbon-core.com**