HONEYCOMB ENGINEERING



## MONTHLY NEWS

Portion of CarbonCore products are delivered to our customers in our custom built 65' long, 13'6" truck with over 10' interior height. This 2017 Peterbuilt features Cummins diesel engine, full navigation and tracking features. A 50 sq ft sleeping quarters will help our drivers feel at home on the weekly cross country trips.



#### **HOW WE DO THINGS**

# CarbonCore Plastic Honeycomb Scoring

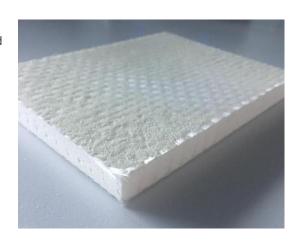
Ever wonder how we score our **CarbonCore Structural Plastic Honeycomb?** Click on the video link to find out. Instead of saw cutting like most manufacturers, we use thin rotary knife cutting machine to produce kerfs less than 0.25 mm thin. That translates directly to less resin used to fill the kerfs inside the laminate and better surface cosmetics due to less amount of resin to shrink within the kerf. Typical scoring patterns are 2"X2"/2"X1"/1"X1" One directional scoring



### CarbonCore SBC PANEL

available as well.

CarbonCore SBC Panel is a brand new product that has been developed over several years. Testing and research was done simultaneously by our manufacturing partners in Germany and US. This 100% fiberglass filled reinforced structural panel has a 28#(450 kg/m3) density, has 1700 psi compression rating, which is 300% higher than our nearest competitor. Manufactured in our new Virginia facility in 48X96 sheets in 3/8-1/2-3/4-1"-1 1/2" thicknesses, this polyester foam fiber reinforced board is white in color, available with variety of embedded fiber layers,including carbon fiber. CNC machining available for transom kits.Priced competitively to existing alternatives.



Link to Additional Resources

### **CORE MATERIAL SPECIALS**

- SPHERECORE SBC IP 8MM-- \$425.00 per 410 sq ft roll 50"
  Emulsion Bonded CSM mat, 1.5 oz, per pallet only,\$0.79 per pound
  CarbonFoam PU/PIR 2 LB, 3.5"X48X96, \$95.00 per sheet, can be sliced into different thicknesses, over 5000 sheets available

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