



SAERTEX®

SAERplanks

PULTRUDED PLANKS

FOR THE SPAR CAP

A solid addition to our range: SAERplanks is the name of our new pultruded planks made of carbon fiber and a thermosetting resin system. The planks expand our product range of reinforcing materials for use specifically in the spar cap of wind turbine rotor blades. They are manufactured using an innovative injection process and newly developed hybrid resin, setting new standards in terms of productivity, process quality and sustainability.

1

EFFICIENCY THANKS TO HYBRID RESIN SYSTEM

Highest levels of quality and productivity thanks to our innovative hybrid resin system from AOC.

2

HIGH PROCESS RELIABILITY

Pultrusion process optimized for productivity and reliability using resin injection instead of a dip bath.

3

REGIONAL SOURCING

Optimal and fast delivery via local production at one of the 12 SAERTEX plants worldwide.

4

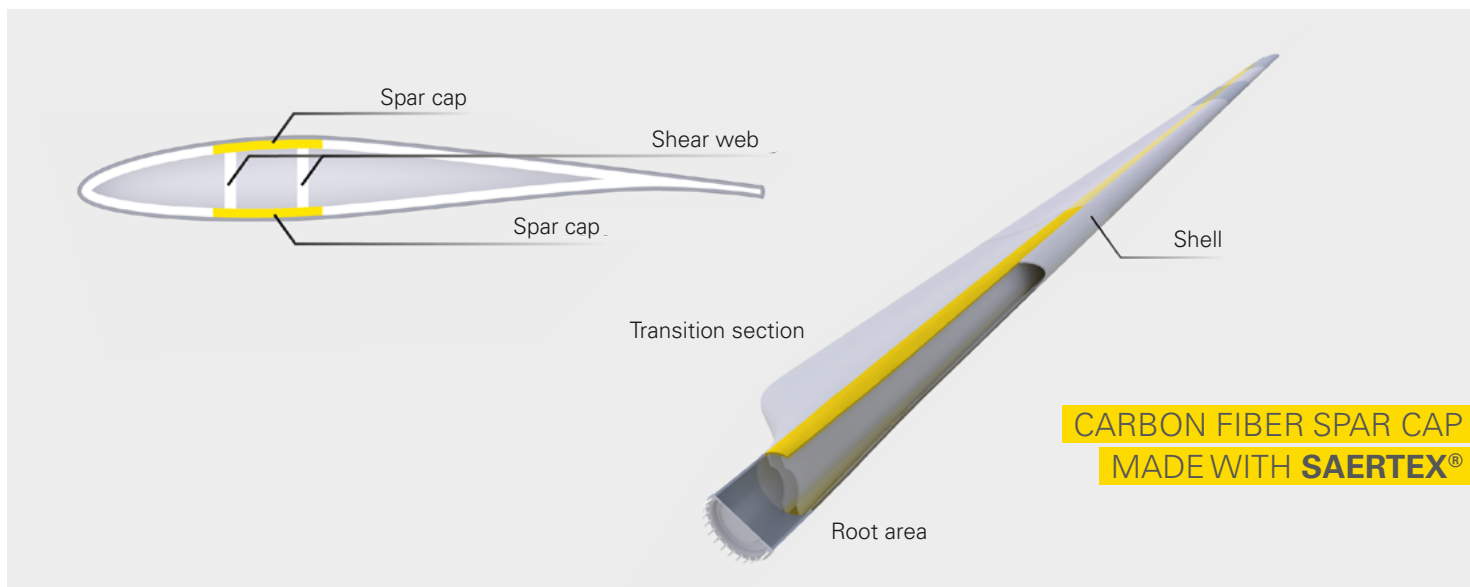
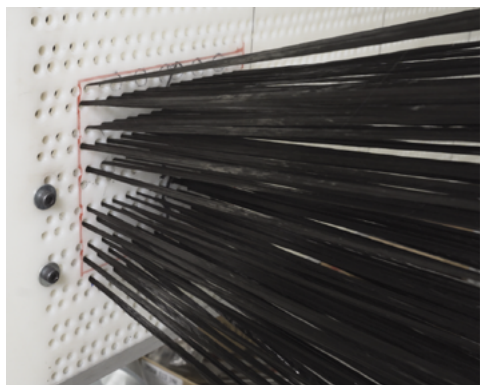
ONE-STOP SHOPPING

Broad range of materials for the wind power segment, including pultruded planks plus SAERfoam and – of course – the entire selection of multiaxial fabrics made of carbon, glass, aramid, basalt or flax.

5

PROVEN EXPERTISE

40 years of experience in the wind power industry with proven processes, reliable supply chains, unique application support and sustainable production.



TECHNICAL DATA

SAERplanks made of carbon

Application	Spar cap
Thickness	5mm
Width	Customer-specific
Resin system	Hybrid resin from AOC
Fiber volume content	63–69 %
Tensile modulus [0°]	135–150 GPa
Tensile strain [0°]	> 1.20 %
Tensile strength [90°]	> 50 MPa
Compression modulus [0°]	125–140 GPa
Compressive strength [0°]	1650–1800 MPa
Compressive strain [0°]	> 1.0 %



To video
www.saertex.com

REINFORCING YOUR IDEAS