

# ULTRABLADE® VERSATILE BLADE PERFORMANCE

The ULTRABLADE® fabrics, Glas-Powered™ by the Owens Corning® High-modulus glass family are imagined to be our most versatile wind energy solution — due to its outstanding handling and processing characteristics, these fabrics can be used to design and build a wide range of high-performing wind blade applications.

- Reliable blade production made possible by the combination of the OC™ High-modulus glasses and our unique fabric design
- Performance enabled by a high fiber volume fraction (FVF) and proven by Owens Corning DNV certified laboratories

### Laminate Modulus



Fiber Volume Fraction (FVF)

¹Theoretical performance

# Applications SHEAR WEB SHELL SPAR CAP



### **Excellent processability**

Fast wet-out, good processing and handling characteristics



### Non conductive

Glass fiber is an electrical isolator by design



### Compatibility

Epoxy, polyester, and vinyl ester resin systems

### We are Making a Better 2030 Today



### Reduce Greenhouse Gas Emissions

from our operations by 50% (scope 1 & 2) and 30% (scope 3)



### Switch to 100% Renewable Electricity



### Send Zero Waste to Landfill

by cutting in half the amount of waste we generate and recycling the rest

Learn how we are halving our operations impact at owenscorning.com/sustainability

### Your Global Materials Engineering Partner

Owens Corning operates in every major blade making region, with Science & Technology centers in the United States, Europe and China, and a global engineering team ready to partner with you to design and build better blades.

DNV certified laboratories

Local engineering support

APQP4WIND certified operations

Less transportation, lower footprint



### Certifications









Product performance verified by Owens Corning DNV certified laboratories.

Product manufactured under the APQP4Wind protocols.

Owens Corning scored an A for CDP Climate Change in 2021 and is included in the CDP "A List" for Water Security. Owens Corning was ranked among the top 1% of all companies rated by EcoVadis with a Platinum Certificate.

## Availability and Packaging

This product is available globall in unidirectional and multiaxial constructions. Packaging information available upon request.





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