



polytech
Beyond the idea

Blade Add-ons

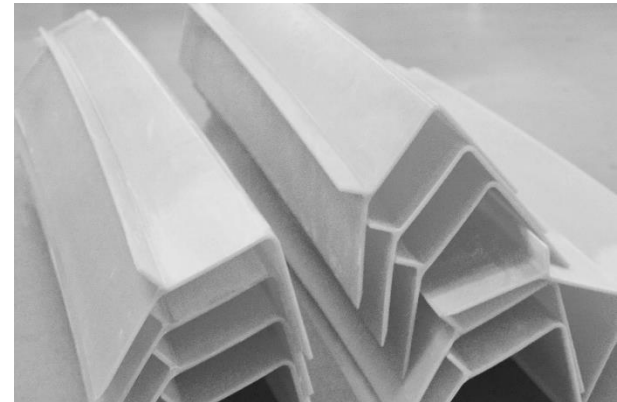


PolyTech Blade Add-ons

Old fashioned Add-ons are produced in GFRP materials and rigid add-on's can result in interface stress and cracks.

PolyTech designs and manufactures blade add-ons

- Supplied with VHB-tape or well prepared bond surface for paste adhesive
- Bonding to blade surfaces
- Mechanical properties according to customer requirements
- Global supply capability
- Material selection and design for required features - for production and assembly
- Specialized testing is available at PolyTech:
 - Erosion
 - UV exposure
 - Salt spray
 - Bonding
 - Peel test



Serrations



Serrations has the following advantages:

- Minimize turbulence on the trailing edge
- Minimize drag
- Lower noise emission
- Increase power generation without having to replace any part of the turbine while reducing the strain on the blades