



# Erosion protection material

For over 40 years Trelleborg has manufactured a range of erosion protection materials to protect propeller blades. The materials have been specified for many demanding OEM applications where resistance to extreme environmental conditions is a requirement, both in terms of surface protection and extended in-service life.

**Benefits:**

- Exceptional substrate protection - specifically developed to withstand extremely harsh operating conditions
- Excellent performance characteristics - outstanding abrasive, tear and tear propagation resistance with an extremely low compression
- Very versatile - available in either a cast sheet formulation or a customized molded part. Engineering or CAD software support available on request to ensure parts are manufactured to specification

**Contact Us**

Trelleborg Applied Technologies delivers innovative and reliable solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.

Tel: +44 (0) 1423 862677  
 Email: [appliedtechnologies@trelleborg.com](mailto:appliedtechnologies@trelleborg.com)

**Applications:**

Erosion protection materials can be used on modern composite constructions as well as the traditional wooden propeller blades. They are specified for leading edge of aircraft applications, as well as on hovercraft propellers where the 'salt and sand' environment is extremely harsh and can cause rapid wear problems on inadequately protected surfaces. Typical applications include:

- Fixed wing aircrafts
- Rotary aircrafts
- Hovercrafts

