

# **BERGOLIN** WIND POWER COATINGS

Power Coatings

Naturally Strong



**BERGOLIN**

Creating Your Coatings

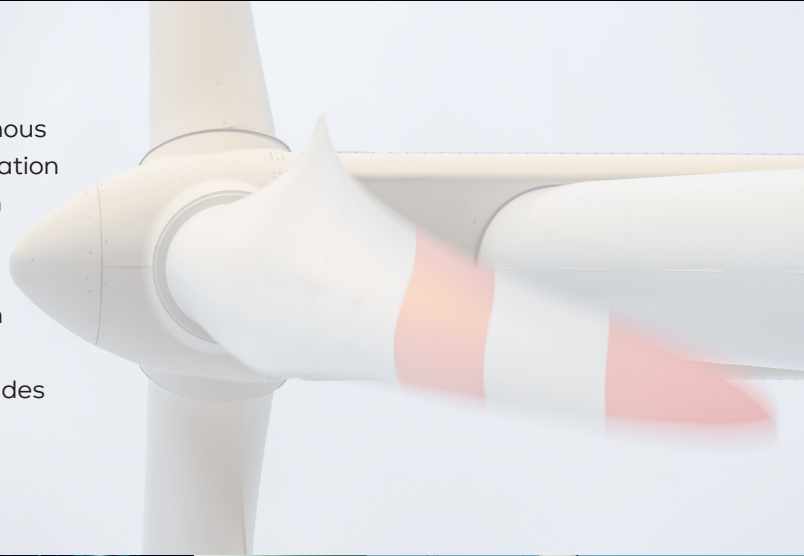


# Rotor Blade Coatings

## for Manufacturing and Repair

Wind turbines are exposed to extreme loads during their lifetime. The rotor blades in particular are subject to enormous forces at wind speeds of up to 300 km/h, which, in combination with rain, snow, heat and UV radiation, take a heavy toll on the blades.

Without the right coating, which offers effective protection against all weather influences and is flexible enough to withstand all deformations without problems, the rotor blades would show severe surface damage quickly.



## Technology Leader

With more than 20 years of experience and over 100,000 coated rotor blades for various OEMs, Bergolin is one of the world's leading suppliers in this segment.

As part of a project management partnership, we also support our customers in process and system optimization.

So you can be sure that with Bergolin you always have the right partner for your requirements at your side.

## Naturally Strong

As a full-range supplier, Bergolin covers all areas of rotor blade coatings on- and offshore.

All our products, from Gelcoat to Putty and Top Coat to Leading Edge Protection meet the highest international quality and environmental standards.

Our product range is particularly convincing due to its simple handling and fast processing times, which can significantly shorten downtimes for wind turbines during repairs and minimize costs.

# Advantages of our Coating Systems

## + Leading Edge Protection (LEP)

Bergolin has developed a special market-leading LEP system for rotor blade edges.

### Advantages

- + Simple and secure application
- + Significant reduction of processing times possible
- + Very high erosion and weather resistance
- + Excellent repair properties

## + PUR-System

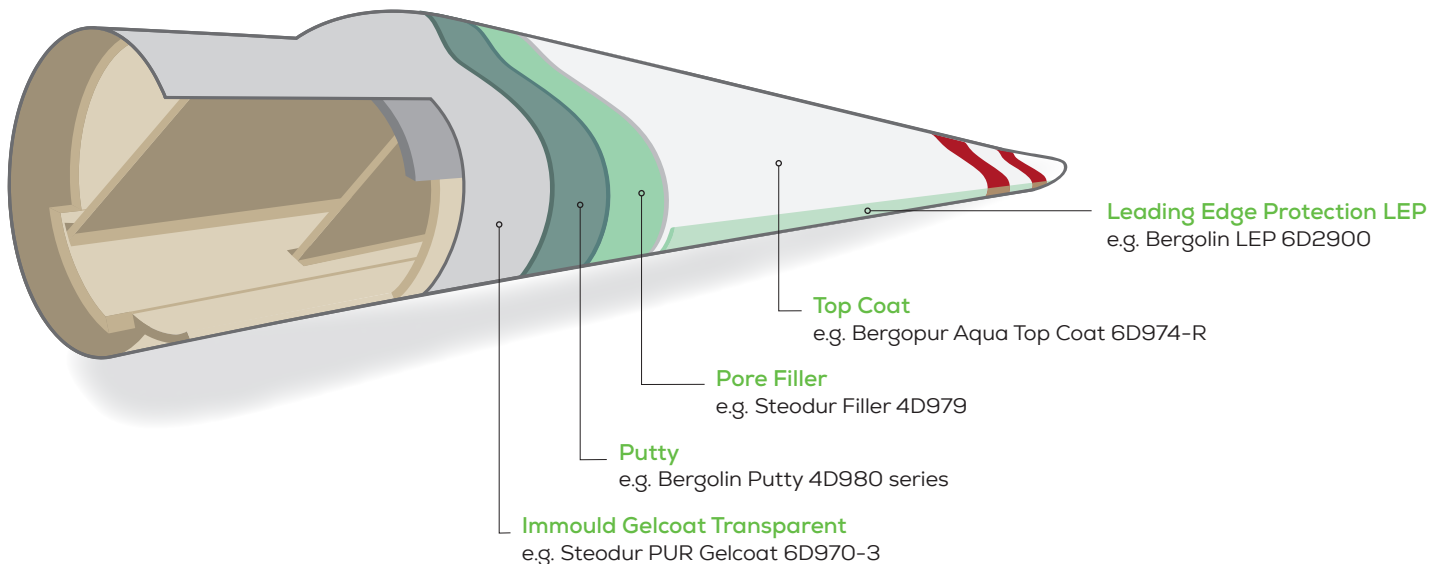
When coating rotor blades, we primarily use solvent-free polyurethane coatings.

We have perfected this system through many years of experience and constant development.

### Advantages

- + Significant reduction of processing times possible
- + High resistance
- + Independent of weather and temperature
- + Operating life of 20 years and more
- + Low environmental impact
- + Easy processing and optimal results

## Rotor blade coating - everything from a single source



## + Wide range of applications

Bergolin offers a full range of products for the coating of rotor blades, including for fully automatic application, e.g. by spray robots.

On request, we can adapt our coating systems to your application equipment and environmental conditions.

We also develop completely new solutions with you so that do not have to make any compromises in your applications.

## + Special system for the repair of rotor blades

We offer a special system for necessary repairs, also tailored to individual customer needs.

Our range is aimed at OEMs and partners dedicated to the repair and maintenance of wind turbines.

### Advantages

- + Easy processing
- + Rapid drying
- + Very high resilience
- + Looks new visually

## + Certificates and tests

Our products meet all common requirements, both individually and in combination.

Tests are carried out regularly in cooperation with renowned institutes such as Fraunhofer IFAM and Aeronordic.

We have also made the 3000h UV test and regeneration erosion test standard for the LEP.



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## Reasons for Choosing Bergolin



**Future-proof with the most modern manufacturing and innovative R&D.**

### State-of-the-art manufacturing and application technology center

Our modern production facility also includes a large application technology center in which the majority of tests can be carried out independently. We also have spacious research and testing laboratories where we continuously develop our products and ensure consistent quality.

### Quality management

In order to offer our customers the best possible mix of functionality and economy at all times, we work continuously to improve our products and processes. That is why we also attach great importance to the regular review of our certifications, among others according to DIN EN ISO 9001:2008.

### Research and development

Over 30% of our employees work in R&D. That is how we ensure that our products are always technologically up to date. In terms of innovation and cost-effectiveness, our products reliably meet and even exceed the demands of our customers.

### Individual solutions

And when necessary we adapt our systems to the special needs of our customers. If new solutions are required, our development team is ready to implement them with precision.

### Technical support

Our expert application engineers have many years of experience with a wide variety of products and systems. Whether planning and implementing new systems or solving application problems, our technicians are always here for you with their expertise.

### Employee training for customers

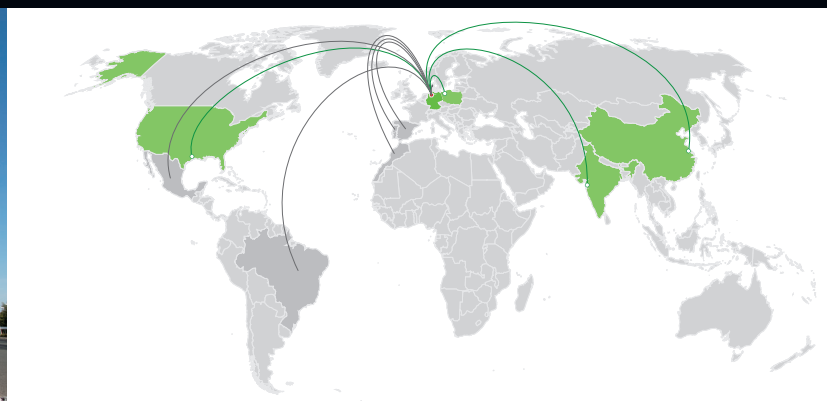
So your employees can optimally use our coating systems in order to achieve the best results with efficient application, your employees can be comprehensively trained in our application technology center under the guidance of Bergolin coating professionals.



**We are always focused on our customer's needs**

Comprehensive on-site customer service is a matter of course for us. We are in constant dialogue with processors and system manufacturers in order to continuously improve our know-how. This allows us to reliably assist our customers in optimizing their processes.

## Our Locations



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