



BergoLED Speed Repair System
Smart Repair at the Speed of Light

BergoLED Speed Repair System

Speed, durability and safe and easy processing play an important role, not just for repairs in the wind energy industry. The BergoLED Speed Repair System reduces maintenance costs and increases the service life of components that need to be repaired. The time needed to carry out repairs can be reduced by as much as 90% without compromising durability, compared to other repair systems.

Both materials can easily be applied on GFRP surfaces. Excellent results on steel, aluminium, plastic, concrete or wooden surfaces can also be achieved by using the patent-pending putty. This makes BergoLED Speed Repair suitable for use in the wind energy industry as well as for applications in many other industries.

Both resin and filler can be used in a wide range of environmental conditions and offer full protection from environmental influences as well as extreme UV stability immediately after curing. The use of a UV marker and just one component ensure easy processing as well as high process reliability.



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Simple processing of just one component

The fact that only one component is required means that no mixing is necessary, which makes processing very simple.

Innovative UV marker

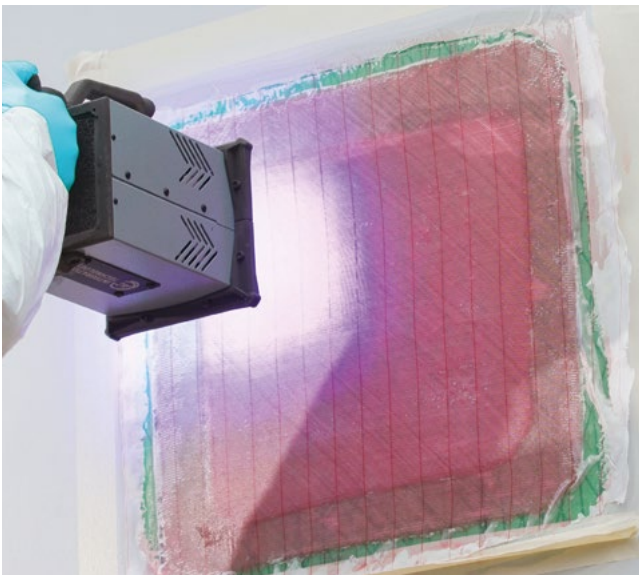
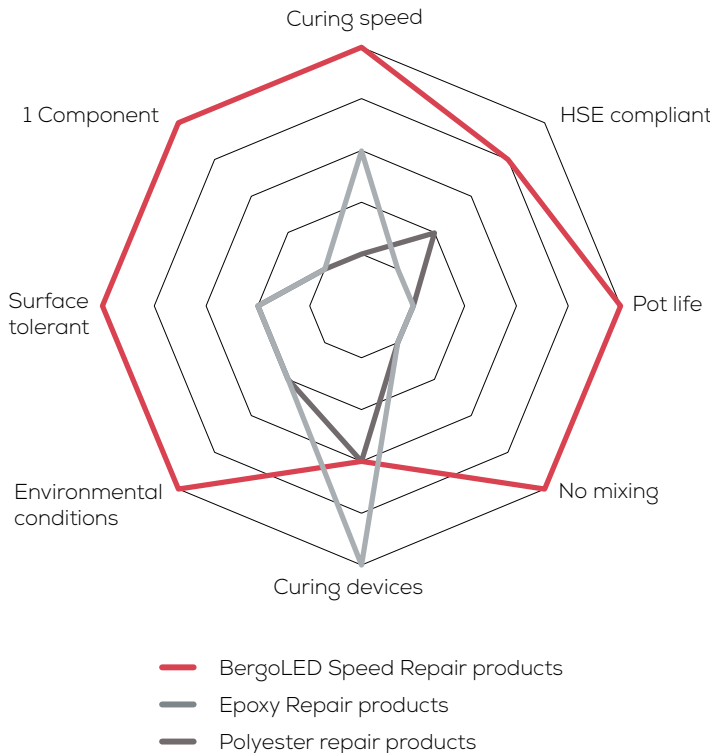
The putty and the resin both contain a UV marker that shows the processor when the material has cured and is ready for further processing.

Ideal for mobile use

The putty is delivered in tubular bags, and our UV LED lamps are powered by standard batteries, both of which facilitate mobile use.

Fast and environmentally friendly

Resin and putty cure extremely quickly and can be processed further immediately after curing, and this shortens the amount of time required by up to 90% compared to conventional repair systems. Both materials are also free of solvents and isocyanates. Delivering the putty in tubular bags significantly reduces the amount of waste compared to cartridges.



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BergoLED Speed Repair Resin 1L1000

- PROPERTIES & BENEFITS**
- + For quick substrate repair of larger surfaces
 - + Suitable for GFRP
 - + Extremely easy to use and high process reliability
 - + Very high UV stability immediately after curing

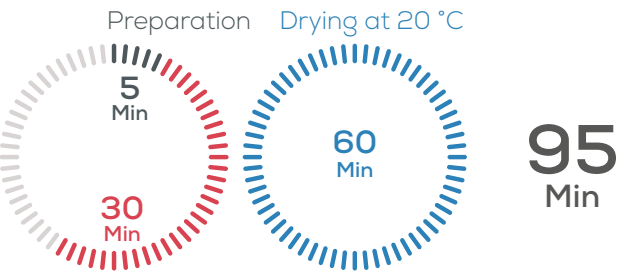
BergoLED Speed Repair Resin



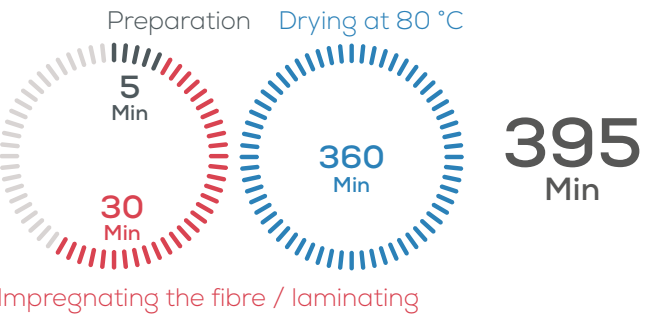
* The drying time with the LED lamp depends on the size of the surface to be repaired. Activation of the surface is not necessary because the resin is cured under a peel ply after application.

- PROCESSING**
- + Can be used as a laminating or infusion resin
 - + 1-component material (no mixing)
 - + No sanding is necessary when using peel ply
 - + UV marker as an indicator of curing
 - + Mobile use with small buckets and appropriate UV-LED-lamps
 - + Can also be processed at extremely low or very high temperatures
 - + Very good sanding properties

Conventional UP/2C



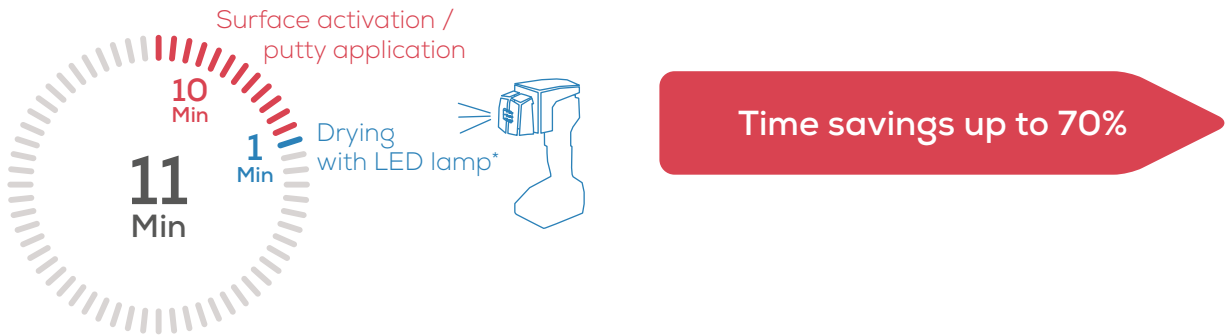
Conventional EP/2C



BergoLED Speed Repair Putty 4L1000

- PROPERTIES & BENEFITS**
- + For quick repairs of smaller surfaces
 - + Suitable for GFRP, CFRP, steel, aluminium, plastic, concrete or wood
 - + Extremely easy to use and high process reliability
 - + Very high UV stability immediately after curing

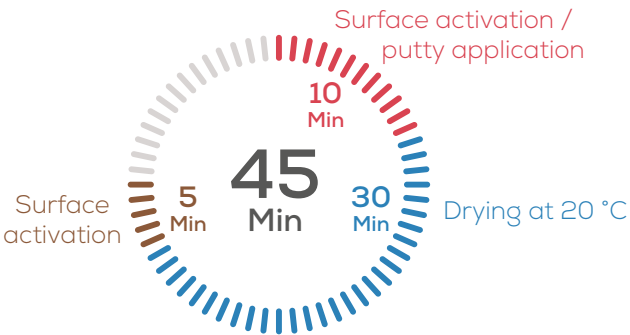
BergoLED Speed Repair Putty



* The drying time with the LED lamp depends on the size of the surface to be repaired. Activation of the surface is not necessary because the putty cures under a peel ply after application.

- PROCESSING**
- + For filling
 - + 1-component material (no mixing)
 - + No sanding is necessary when using peel ply
 - + UV marker as an indicator of curing
 - + Mobile use with tubular bags and press as well as handy LED UV lamps
 - + Can also be processed at extremely low or very high temperatures
 - + Very good sanding properties

Conventional UP/EP





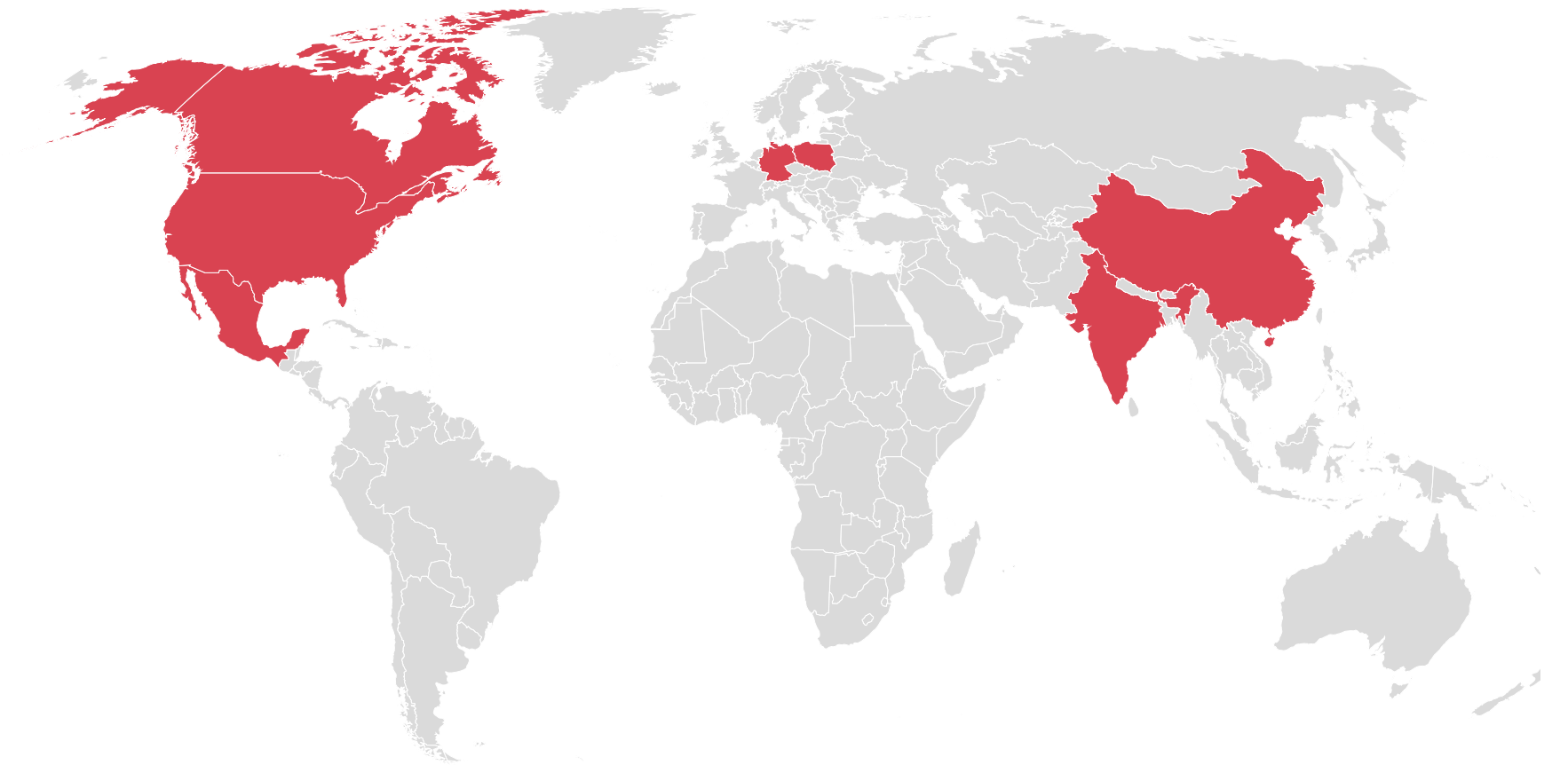
The Company

Bergolin GmbH & Co. KG was established in 1909 and is a globally active company with headquarters in Germany. The company specialises in developing and manufacturing high-quality coating systems and has a wide range of products for many different applications in the fields of wind energy, industry and corrosion protection.

Customers particularly appreciate the cooperative working relationship with Bergolin. Solutions that are precisely tailored to individual requirements and processes are developed together, and this has significant practical advantages for the customer. Developing solutions together in this manner often results in optimised processes and a longer product life.

Bergolin also has subsidiaries in the United States, Poland, China and India as well as a worldwide network of cooperation partners through which it offers close geographical proximity to its customers.

Locations



■ Subsidiaries: Germany (headquarters), USA, Poland, India, China



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