

## WIND ENERGY

### High-Performance Films for the Wind Energy Industry: High efficiency and cost optimization

With the new high-performance surface protection films, **RENOLIT**, the renowned manufacturer of industrial plastic films and **WP Energy** (part of the WP Group), a supplier of inspection, repair and maintenance work, are setting new standards together in the wind energy industry. The surface protection films are not only more effective and cost-efficient but also more sustainable, and thus offer better performance and lower operational cost.



*Rely on it.*



## RENOLIT CP

### Corrosion Protection for wind turbine tower



### The corrosion protection film for onshore wind turbines

**RENOLIT** has been developing industrial solutions in the area of plastic films for over 70 years now. And the latest addition to the company's product portfolio are film solutions for the wind energy sector. The high-performance films were developed and are now marketed in cooperation with **WP Energy**.

**WP Energy** is the exclusive sales partner of **RENOLIT**. The industrial service provider for on- and offshore wind energy generation offers inspection, repair and maintenance services to a large number of wind turbines manufacturers and operators in central Europe.

The first film in the new portfolio is **RENOLIT CP** - the corrosion protection film for applications on onshore wind turbines. It offers a new service concept with decisive cost and time benefits during maintenance. Costs are cut, the efficiency of the wind turbine increases and downtime is minimized.

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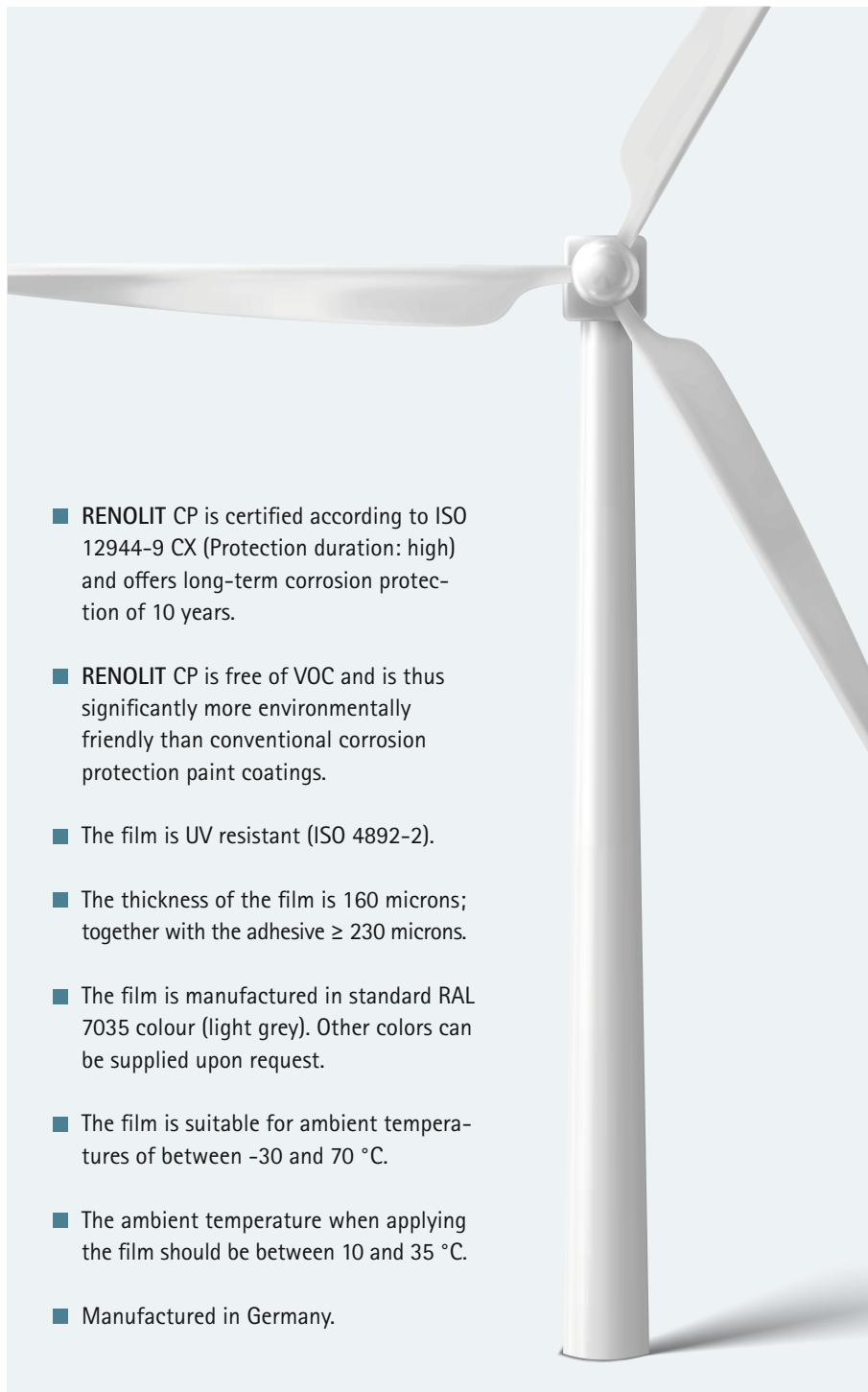
### Benefits and Functions

- Ease of repairs planning
- Low dependence on weather conditions
- Short curing times
- Fewer application steps
- Low maintenance
- Constant film thickness
- Little adherence of dirt and moss
- Minimum downtime
- Environmentally friendly
- No VOC-related health risks
- Easy application on complex geometries



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- RENOLIT CP is certified according to ISO 12944-9 CX (Protection duration: high) and offers long-term corrosion protection of 10 years.
- RENOLIT CP is free of VOC and is thus significantly more environmentally friendly than conventional corrosion protection paint coatings.
- The film is UV resistant (ISO 4892-2).
- The thickness of the film is 160 microns; together with the adhesive  $\geq$  230 microns.
- The film is manufactured in standard RAL 7035 colour (light grey). Other colors can be supplied upon request.
- The film is suitable for ambient temperatures of between  $-30$  and  $70$  °C.
- The ambient temperature when applying the film should be between  $10$  and  $35$  °C.
- Manufactured in Germany.

## RENOLIT – The Film Specialist

The RENOLIT Group is one of the leading international manufacturers of high-quality plastic films and associated products for technical applications. The independent, family-owned company has been setting standards for quality and innovation for 70 years and presently employs around 4,700 people in more than 30 production plants and sales offices.

Products customized with RENOLIT films are used throughout the world in the construction industry, advertising, signage, product labeling and for a whole range of other technical applications.



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