

High-performance, fast curing system for leading edge repairs



5711



Belzona 5711 is a high-performance, easy to apply system specially designed for the repair of erosion and impact damage on the leading edges of wind turbine blades.

It is supplied in a cartridge format, making it easy to apply, ideally suited for applicators using rope access.

This product has a good working life allowing it to be perfectly contoured to the leading edge, removing the need for sanding, eliminating a step in the repair process.

Belzona 5711 cures quickly and can be directly overcoated with Belzona 5721 in 45 minutes at 20°C/68°F, without the need for preparation.

Belzona 5711 and Belzona 5721 provide a long-lasting repair and protection solution for your blades, minimising downtime, and maximising your turbines output.

TECHNICAL DATA	Supply Form	2:1 by volume cartridge				
	Working life	12 minutes at 20 °C (68 °F), 50% RH				
	Shelf life	3 years				
	Adhesion (pull-off)	GRP composite: 8.16 MPa (1,183 psi) at 20 °C (68 °F), cohesive failure of GRP composite				
	Volume Capacity	380 cm ³ (23 in ³)/600g cartridge				
	Hardness (Shore D)	82 at 20 °C (68 °F)				
	Slump Resistance	>6mm (0.25 in)				
	Flexural Strength	57.38 MPa (8,322 psi)				

CURE	Temperature	5 °C (41 °F)	10 °C (50 °F)	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
	Time until touch dry (overcoatable)	80 mins	80 mins	45 mins	45 mins	45 mins
	Hard Dry (Sandable)	100 mins	100 mins	65 mins	65 mins	65 mins

*Please consult the Product Specification Sheet (PSS) and Instructions for Use (IFU) for the latest technical data.



RAPID CURE TIME



WIDE APPLICATION TEMPERATURE WINDOW



LONG WORKING LIFE



EASY TO APPLY IN SITU



SOLVENT FREE

Key Benefits:

- **Easy to Apply**
Robust side-by-side cartridge packaging eases in-situ repair of damaged wind turbine blades.
- **Safe to Use**
Low hazard and solvent-free. Cartridge format avoids the need to handle and mix individual components.
- **Wide Application Window**
Single product, suitable for use between 5-40 °C / 41-104 °F, and up to 85% RH.
- **Fast Cure**
Rapid curing system which can be overcoated in 45 minutes and is fully cured within 65 minutes at 20°C/68°F.
- **High Erosion Resistance**
A combination of Belzona 5711 and Belzona 5721 can repair damage and offer long lasting protection against rain erosion and impact damage.
- **Long Working Life**
Can be perfectly contoured, and removes the need for sanding therefore simplifying the application.

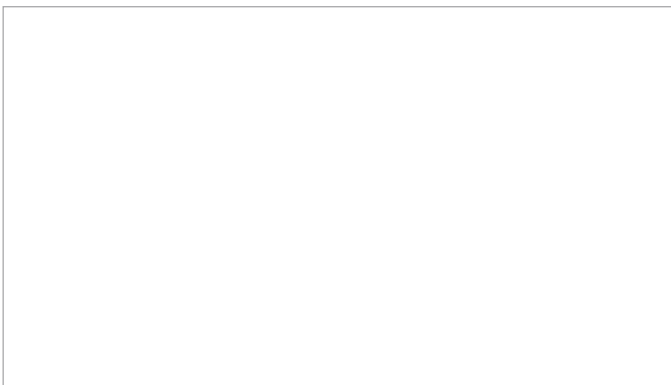


Belzona 5711 supplied in cartridge with static mixer.



Easy to contour leading edge, no need for sanding.

For more information, please contact your local Belzona representative:



QUALITY PRODUCTS - TECHNICAL SUPPORT

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

Belzona has a global distribution network of over 140 Distributors operating in 120 countries. Local support is provided by a trained Technical Consultant who will diagnose the problem, recommend the solution and provide 24-hour, on-site application supervision and advice.