

# 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 30 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 compatible with a standard 1K sealant / caulking gun				
	Working life	12 minutes at 20 °C (68 °F), 50% RH				
	Shelf life	3 years				
	Adhesion (pull-off)	GRP composite: 10.6 MPa (1,540 psi) at 20 °C (68 °F), cohesive failure of GRP composite				
	Volume Capacity	254 cm <sup>3</sup> (15.5 in <sup>3</sup> )/400g cartridge				
	Hardness (Shore D)	84 at 20 °C (68 °F)				
	Slump Resistance	>6mm (0.25 in)				
	Flexural Strength	49.5 MPa (7,179 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)	60 mins	55 mins	30 mins	25 mins	20 mins
	Hard Dry (Sandable)	80 mins	70 mins	60 mins	55 mins	50 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**  
Cartridge packaging eases in-situ repair and is compatible with standard single component sealant/caulking guns.
- **Fast Cure**  
Rapid curing system which can be overcoated in 30 minutes and is fully cured within 60 minutes at 20°C/68°F.
- **Safe to Use**  
Low hazard and solvent-free. Cartridge format avoids the need to handle and mix individual components.
- **Long Working Life**  
Can be perfectly contoured, and removes the need for sanding therefore simplifying the application.
- **Wide Application Window**  
Single product, suitable for use between 5-40 °C / 41-104 °F, and up to 85% RH.
- **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.

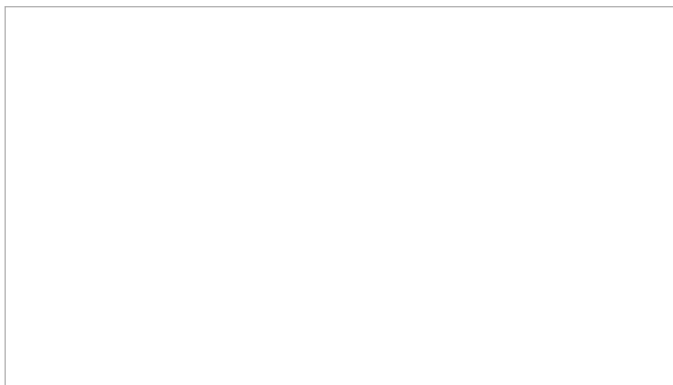


Belzona 5711 supplied in cartridge with static mixer.



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.