

# Liquid-Applied, Flexible Waterproofing System for Application in Inclement Weather Conditions



Belzona 3131 (WG Membrane) is a cold-applied, single component system which can be used in all weather conditions to provide long-term repair and protection of roofs.

The moisture-activated urethane coating bonds strongly to all types of roofing materials in inclement weather and at low temperatures. It will not be damaged by rain, even immediately after application.

The system provides long-term weatherproofing and waterproofing and offers excellent protection against infra-red and ultra-violet radiation, as well as natural and industrial pollutants. It is impermeable to liquid water, but permeable to water vapour, therefore allowing a moist roof to breathe.

TECHNICAL DATA	Shelf life	12 months
	Drying time	Touch dry and overcoat between 4 and 6 hours under good drying conditions. Resistant to "wash-out" immediately.
	Tensile strength after 7 days cure at 20°C (68°F)	6.4 N/mm <sup>2</sup> (925 psi)
	Tear strength after 7 days cure at 20°C (68°F)	34.3 N/mm (195 pli)
	Water vapor permeability after 7 days cure at 20°C (68°F)	25 g/m <sup>2</sup> per 24 hours at 20°C (68°F)
	Elongation after 7 days cure at 20°C (68°F)	190%

COVERAGE RATES	Coats/layers	First layer (per litre)	Second layer (per litre)
	Metals / plastics	1.5 m <sup>2</sup> (16.1 ft <sup>2</sup> )	3.0 m <sup>2</sup> (33 ft <sup>2</sup> )
	Asphalt	1.5 m <sup>2</sup> (16.1 ft <sup>2</sup> )	3.0 m <sup>2</sup> (33 ft <sup>2</sup> )
	Concrete	0.96 m <sup>2</sup> (10.3 ft <sup>2</sup> )	3.0 m <sup>2</sup> (33 ft <sup>2</sup> )

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



**SIMPLE APPLICATION**



**COLD CURING**



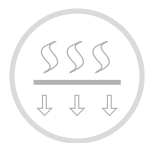
**FLEXIBLE**



**HIGH ADHESION**



**LONG TERM**



**LOW ODOUR**

## Key Benefits:

- Provides quick rain resistance

The material's fast curing properties ensure the roof will be immediately watertight.

- Excellent adhesion

Belzona 3131 adheres to a wide range of materials including felt, asphalt, lead, zinc, copper, glass, concrete and brick.

- Outstanding elasticity

This highly elastic material adapts to roof movements and follows complex roof contours.

- Cold applied

Belzona 3131 can be applied in cold temperatures and cures down to 0°C (32°F) ensuring there is no risk of fire.

## Application:

Belzona 3131 used to seal leaks on corrugated steel roof suffering cut edge corrosion.

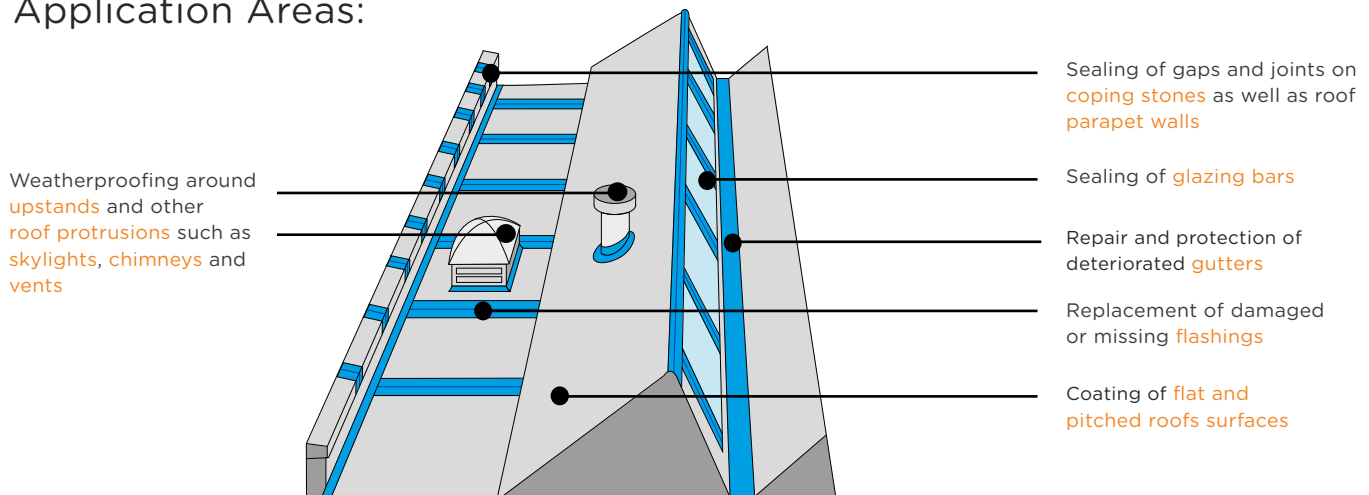


Before



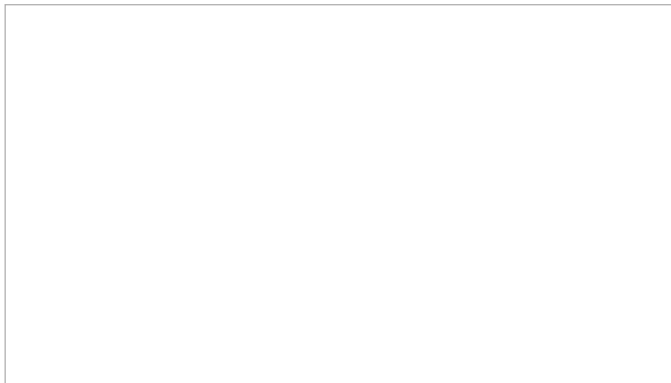
After

## Application Areas:



- Creation of waterproof and weatherproof roof surfaces
- Long-term repair of leaking roofs
- Water and weatherproofing of non-roof structures such as tank bases

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.