

# Emergency Water and Weatherproofing System



Belzona 3121 (MR7) is a two component emergency repair and weatherproofing system for the sealing of almost all types of roof surfaces and structures, even during adverse weather conditions. This liquid-applied material is designed for instant waterproofing and can be applied in year-round weather conditions.

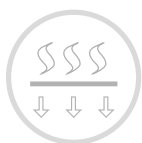
Belzona 3121 is a lightweight seamless membrane system that will bond strongly to a wide range of substrates including concrete, brick, copper, lead, cast iron, galvanised steel, asphalt and stone.

It is used in conjunction with Belzona 9331, a synthetic reinforcing sheet used to bridge roof contours and control film thickness.

TECHNICAL DATA	Mixing Ratio (Base : Solidifier)	2.2 : 1 by volume	3.6 : 1 by weight
	Working Life	2 hours at 20°C (68°F)	
	Shelf Life	5 years	
	Shore A Hardness	35 after 24 hours cure at 20°C (68°F)	
	Tensile Strength	7.9 MPa (1,140 psi) unreinforced	5.5 MPa (800 psi) reinforced
	Tear Strength	2,512 kg/m (140 pli) unreinforced	3,229 kg/m (180 pli) reinforced
	Water Vapor Permeability	17 g/m <sup>2</sup> per 24 hours for the standard reinforced system	
	Elongation	400% unreinforced	150% reinforced

COVERAGE RATES	Coats/layers	First layer (per litre)	Second layer (per litre)
	Metals / Plastic	1.9 m <sup>2</sup> (20 ft <sup>2</sup> )	2.0 m <sup>2</sup> (21 ft <sup>2</sup> )
	Asphalt	1.9 m <sup>2</sup> (20 ft <sup>2</sup> )	2.0 m <sup>2</sup> (21 ft <sup>2</sup> )
	Smooth Concrete	1.7 m <sup>2</sup> (17.5 ft <sup>2</sup> )	2.0 m <sup>2</sup> (21 ft <sup>2</sup> )
	Rough Concrete	1.2 m <sup>2</sup> (12.5 ft <sup>2</sup> )	1.9 m <sup>2</sup> (20 ft <sup>2</sup> )

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



LOW ODOUR



UV RESISTANT



WEATHERPROOFING



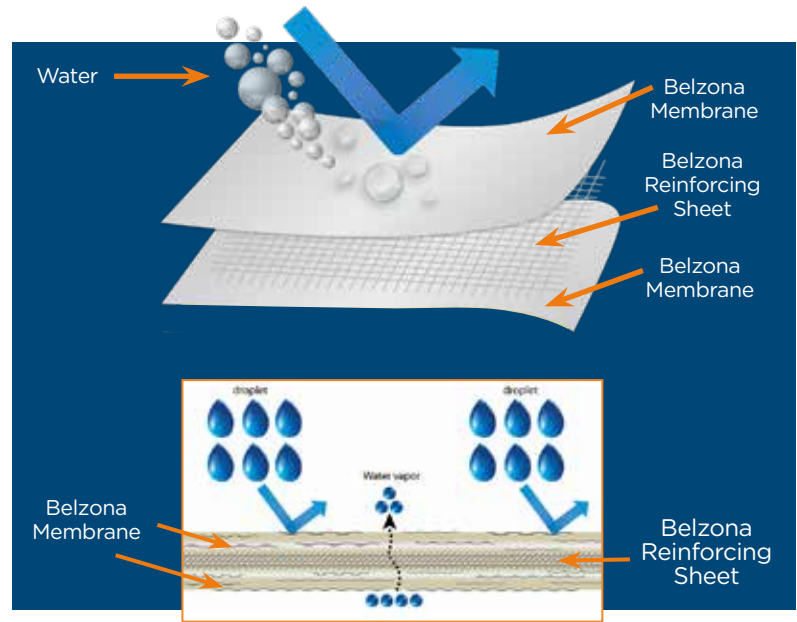
EXCELLENT ADHESION



WATER RESISTANT

## Key Benefits:

- Low odour**  
 Its low odour enables application during working hours with no disruptions to operations, simplifying roofing maintenance.
- Water resistant**  
 This system is water resistant immediately after application and can cure even if fully immersed in water.
- UV Protection**  
 This versatile liquid applied material provides excellent protection against infrared and ultra violet radiation.



## Application Areas:



Joints & seams



Expansion joints



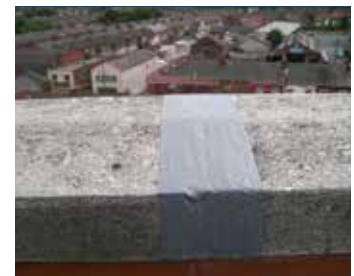
Gutter joints



Glazing bars

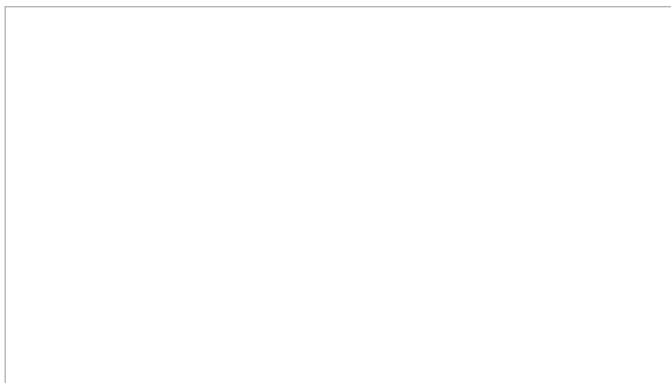


Vents



Parapet walls & coping stone joints

For more information, please contact your local Belzونا representative:



### QUALITY PRODUCTS - TECHNICAL SUPPORT

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

Belzونا 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.