# Flexible Roof Repair and Protection System

BELZONA® 3111

Belzona 3111 (Flexible Membrane) is a single-component, solvent-free, microporous coating for the long-term repair and protection of all types of roofs, tank bases and other structures.

Used in conjunction with Belzona 9311 (Reinforcement Sheet), the system creates a durable weatherproofing and waterproofing membrane for almost all types of roof substrates and other structures.

This water-based material can be applied on almost any location including schools, hospitals and public buildings thanks to its low odour. It is certified by the BBA and has proven to provide excellent protection of roofs in excess of 25 years.

BBA BRITISH BOARD OF AGREMENT
TECHNICAL APPROVALS FOR CONSTRUCTION

| TECHNICAL DATA | | | |
|---|---|---|---|
| | Drying Time | 30 minutes for water resistance under good drying conditions | |
| | Working Life | Indefinite at temperatures between 5°C (41°F) and 30°C (86°F) | |
| | Shelf Life | 5 years | |
| | Water Vapor Permeability after 7 days cure at 20°C (68°F) | 30 g/m² per 24 hours at 20°C (68°F) Permeance: 2.16 US perms | |
| | Elongation after 7 days cure at 20°C (68°F) | 20% lengthwise | 100% crosswise |
| | Tear Strength after 7 days cure at 20°C (68°F) | 33.0 N/mm (188 pli) lengthwise | 33.0 N/mm (188 pli) crosswise |
| | Tensile Strength after 7 days cure at 20°C (68°F) | 10.0 N/mm² (1,450 psi) lengthwise | 4.0 N/mm² (580 psi) crosswise |

| COVERAGE RATES | Coats/layers | First layer (per litre) | Second layer (per litre) |
|---|---|---|---|
| | Concrete/brick | 1.3 m² (14 ft²) | 3.0 m² (33 ft²) |
| | Asphalt | 1.9 m² (21 ft²) | 3.0 m² (33 ft²) |
| | Galvanized steel | 1.9 m² (21 ft²) | 3.0 m² (33 ft²) |
| | Recoating Belzona 3111 | 1.9 m² (21 ft²) | 3.0 m² (33 ft²) |

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

LOW ODOUR

UV RESISTANT

WEATHERPROOFING

EXCELLENT ADHESION

SOLVENT FREE

3000 Series

# BELZONA 3111

## Key Benefits:

- Low odour

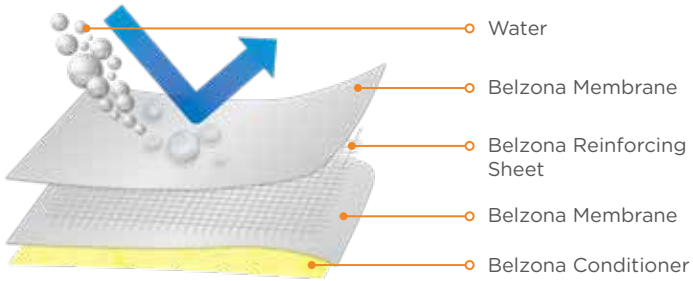
Its low odour enables application during working hours with no disruptions to operations, simplifying roofing maintenance.

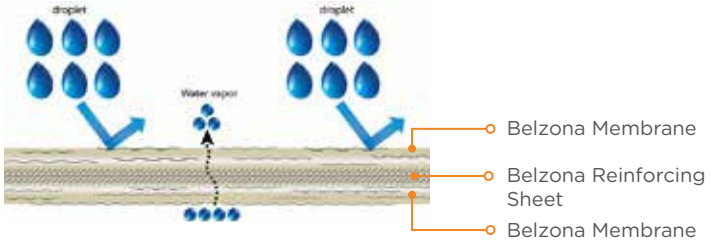
- Excellent adhesion

This lightweight, seamless polymer coating bonds tenaciously to a wide range of substrates including felt, asphalt, lead, zinc, copper, glass, concrete and brick.

- Weatherproofing and UV Protection

This versatile liquid applied material provides outstanding weatherproofing and waterproofing with excellent protection against infrared and ultra violet radiation.




## Application Areas:

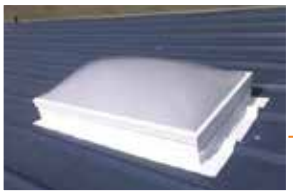
- Chimneys and vents
- Coping stones
- Decks
- Flashings
- Flat roofs
- Glazing bars
- Gutters
- Joints and seams
- Parapet walls
- Skylights
- Tank bases
- Upstands

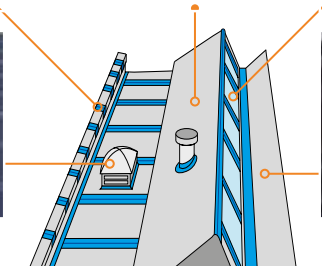
## Roof Areas:

Joints and seams

Protrusions

Glazing bars


Skylights



Gutters

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.

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