

# MIXSEAL BC800

ELASTOMERIC WATERPROOFING MEMBRANE WATER BASED POLYMER MODIFIED BITUMEN

Ver: V15.1  
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## Product description:

**MIXSEAL BC800** is a water based polymer modified bitumen elastomeric coating for waterproofing and protection. The product is easily applied on both vertical and horizontal substrates and forms a seamless, elastic membrane

## Recommended For:

- Concrete roof, balcony, kitchen, bathroom, laundry, wet areas;
- Basement wall, lift pit, exterior wall of water tank. Out side concrete bridge, sewer and drain;
- New or old bitumen waterproofing coats. Use as a primer for bitumen waterproofing sheet;
- As a prevent moisture and humidity layer.

## Note:

*Not recommended for too unsound substrates. Do not apply under conditions of extreme wet weather or imminent rain or near freezing temperature. Coating thickness should not be too excessive in order to avoid long drying time*

## Advantages:

- Easy to apply and repair by spray, brush, roller or trowel;
- Adhesive to concrete, fibrous cement, cement roof tiles, brick, cement mortar, bitumen;
- High adhesive;
- Liquid apply, Seamless waterproofing membrane;
- Eco-friendly (water-based).

## Technical Data:

Specification	Standard	Value
Colour	-	Dark brown
Density	ASTM D1475	1.0 ± 0.05 g/ml
Drying to touch (Concrete surface, @ 25°C, 50% RH)	-	1 ÷ 3 giờ
Service temperature	-	-15°C ÷ 80°C
Shore A hardness	ASTM D2240	25 ± 10
Tensile strength	ASTM D412	≥ 1.0 MPa
Elongation at break	ASTM D412	≥ 600%

## Package:

Pail: 18 kg or 20 kg;

## Coverage:

- Primer: 0.2 ÷ 0.3 kg/m<sup>2</sup>;
- Coating:
  - Vertical surface: 0.4 ÷ 0.6 kg/m<sup>2</sup> /2 times;
  - Horizontal surface: 1.0 ÷ 1.4 kg/m<sup>2</sup>/2 time;
- Apply at least 2 layers, unless otherwise specified by manufacturer. In case the width of crack above 1.5 mm reinforced by glass fiber or polyester grid and apply at least 3 layer.

**Surface preparation:**

- The substrate must be sound, clean and monolithic. Cement laitance, mildew, oil, grease etc. must be removed;
- Honey-combs, voids, rough surfaces, exposed rebars and cracks shall be leveled with non-shrink grout or filler mortar;

**Application:**

- Pour Mixseal BC800 into a container of adequate size and mix at least 1 minute;
- With the primer layer: dilute Mixseal BC800 with 5 ÷ 10 % clean water (by volumes)
- 1<sup>st</sup> Layer: Apply with a paint roller/brush and allow the membrane to become touch-dry before commencing second coat;
- 2<sup>nd</sup> Layer: Apply perpendicular to the first coat;
- 3<sup>th</sup> Layer or another layer: similar;
- Use a paint brush to sweep angles, edges, gaps, etc so that the surface of the waterproofing is covered and continuous..
- Surface temperature/Air temperature: about 5 ÷ 40°C;
- Surface humidity / Relative humidity: <10% / < 85 %;
- Water ponding test can be conducted after the membrane fully cured;
- Prevent prolonged UV exposure on the membrane. A protective screed is recommended over trafficable areas while a UV resistant paint will be sufficient for inaccessible exposed areas.

**Safety & health:**

- Ecology: Dispose of according to local regulations;
- Transport: Not dangerous;
- Toxic: Not harmful by skin contact;
- In case of contact with eyes, rinse immediately with plenty of water and seek medical help.

**Storage and self life:**

- Storage in a cool and dry space, not wet;
- Self life: 24 moth when unopened, undamaged original packaging.



**Note:** Mixseal warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to Mixseal shall be limited to replacement of the material proven to be defective, and Mixseal shall in no case be liable otherwise or for incidental or consequential damages. Mixseal makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith..