



# BITUMINOUS EMULSION 240

## PRODUCT DESCRIPTION

**Bituminous Emulsion 240** is an easy to use, water-based bitumen waterproofing emulsion that has been specially formulated to be non toxic and fast drying. After applied, it forms a seamless and flexible bitumen membrane with high adhesion strength that is ideal for the covering of cracks and general waterproofing purposes.

## BENEFITS

- Fast drying
- Dries in less than 2 hours
- Non toxic and Ready to use
- High elongation
- High adhesion strength
- High tensile strength
- Ease of application and easy to apply
- Non-sagging on vertical surface
- Odourless when fully cured
- Good weather resistance

## FIELD OF APPLICATION

- Ground slabs and walls
- Toilets and planter box
- Roof decks
- Landscape deck
- Concrete, masonry, asbestos and metal substrate

## APPLICATION INSTRUCTION

### SURFACE PREPARATION

- All surface **must be** free of grease, oil and dust. Surfaces that are smooth should be roughened for better adhesion.
- Loose rust, moss, lichens, crumbling cement, deteriorated fibre cement and degraded bituminous substances **must be** removed either mechanically or chemically.
- Surface faults such as blisters, holes and cracks should be cleaned out, then repaired with a flexible filler.
- Small hairline cracks can be painted with **Bituminous Emulsion 240** – brush in, allow to dry then repeat until filled or at least sealed.
- Rusty metal should be cleaned by blasting or other means to a suitable standard then primed with a Rust Converter. Other metals should be suitably primed or treated, e.g for new galvanizing, degrease, etch or roughen surface before coating

### PRIMING

Priming is recommended for weak and porous surfaces, to fill up pinholes and shrinkage cracks. Dilute **Bituminous Emulsion 240** with 40% clean water and spread evenly over the substrates.

### HEALTH & SAFETY

Protective gloves and goggles should be used when handling this product. In cases of eyes splashes or excessive skin contact, thoroughly flush with water. If any ill effects should be occurred, seek medical attention promptly. Refer to safety data sheet.



## PRODUCT INFORMATION

Elongation at Break (ASTM D412)	> 150%
Crack Bridging	> 2mm
Adhesion to concrete	> 1.0 N/mm <sup>2</sup>

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### COVERAGE

0.02kg-0.03kg / m<sup>2</sup> per coat ( depending on the porosity of the substrate)

### PACKING

5 litres & 20 litres plastic pail.

### SHELF LIFE

12 months in unopened containers if stored in a cool, dry place. (Store in temperatures between +5°C and +30°C)

### APPLICATION

- Apply **Bituminous Emulsion 240** directly from the can. Apply in 2 coats at a coverage of 0.50 kg/m<sup>2</sup> per coat (0.45mm WFT). Allow the 1st coat to dry before applying the 2nd coat. Leave to dry for 24 hours before further construction activities.
- A fabric reinforcing matt can be laid in between the 2 coats if required. The reinforcing matt will increase the tensile strength of the waterproofing film and for bridging cracks and weak areas.
- Tool use should be depending upon the scale of work being carried out but:- -For small areas a paintbrush is ideal, keeping coat thickness 1mm approximately on gutters, valleys, walls, downpipes, filling cracks, protective coating and spot applications. -On roofs or medium flat areas, a squeegee or large sweeping brush can be used for high efficiency.

NOTE: Brushes and squeegees should be cleaned immediately after use with water. Use solvent or thinner for cured film.

### Legal Note

The information and any recommendations relating to the application and end-use of all Super Builders products are provided in good faith based on Super Builder knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by Super Builders. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions. Please consult our technical department for further information

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