



K10 BITKOTE 3

BITUMEN WATERPROOFING EMULSION



ECO FRIENDLY



WATER BASED



FAST DRYING

DESCRIPTION

Davco K10 Bitkote 3 is an easy to use, water based bitumen waterproofing emulsion that has been specially formulated to be non toxic and fast drying. After application, it forms a seamless and flexible bitumen membrane with high adhesion strength that is ideal for covering of cracks and general waterproofing purposes.

USES

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

SURFACE PREPARATION

All surfaces must be free of grease, oil and dust. Very smooth surfaces 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 Davco K10 Bitkote 3 - brush in, allow in 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 galvanising, degrease, etch or roughen surface before coating.

TECHNICAL DATA

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

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.

ADVANTAGES

- Fast drying
- Dries in less than 2 hours
- Non toxic
- High elongation
- High adhesion strength
- High tensile strength
- Ease of application



BUILDING TRUST 



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Priming

Priming is recommended for weak and porous surfaces, to fill up pinholes and shrinkage cracks. Dilute Davco K10 Bitkote 3 with 40% clean water and spread evenly over the substrate.

APPLICATION

Apply Davco K10 Bitkote 3 directly from the can. Apply in 2 coats at a coverage of 0.50 kg/m² 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.

General Application

Does depend 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 speed efficiency.

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

COVERAGE

20 litres cover 44m² @ WFT 0.45mm per coat.

PACKAGING

5 Ltr & 20 Ltr plastic pail.

SHELF LIFE

Up to 12 months in unopened containers if stored in a cool, dry place.

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 occur, seek medical attention promptly. Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the- replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg



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