

# BITUCOTE

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## Bituminous protective coating

### Uses

BITUCOTE is designed to provide a continuous barrier to the passage of water and water vapor and can be used to produce vapor barriers, damp proof courses, linings to potable water tanks and pipes, below ground concrete protection, concrete curing by water retention, and corrosion protection to metal surfaces.

### Advantages

- Single component
- Easily and inexpensively applied; high coverage rate
- Tough and resistant to most naturally occurring chemicals
- Does not taint water
- Can be applied to damp concrete substrates
- Quick drying
- Excellent adhesion to most common building substrates
- Excellent water retention for use as a curing compound
- Successfully used for over 30 years in a wide range of environments

### Standards compliance

BITUCOTE complies with BS3416:1975 Type 1A General purpose bituminous coating, BS3416:1975 Type II Bituminous coating for drinking water tanks and ASTM C309 water retention requirements for curing membranes.

### Description

BITUCOTE low viscosity blend of selected bitumens in solvent dries to form a high quality tough bitumen film. BITUCOTE can be applied by brush, roller or spray equipment to prepared surfaces for a variety of purposes.

### Instructions for use

#### Preparation

Surfaces must be clean, dry, free from oil, grease and all loosely adhering particles such as rust, mill scale, mortar and cement laitance. These should be carefully removed by wire or stiff brushing and finally soft brushing or filtered compressed air to remove dust. Oil and grease should be removed by the use of a proprietary degreasing agent. For optimum adhesion to steel, grit blasting to SA21/2 is recommended. BITUCOTE can be applied to damp concrete, brick and plaster surfaces provided there is no free surface water or bleed. A test patch is recommend where there is doubt.

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## Application

Stir thoroughly prior to use.

### Damp-proof membranes, vertical vapor barriers

Apply a full coat of BITUCOTE and allow to dry.

Coverage rate should be approximately 3m<sup>2</sup> per litre.

Apply a second coat of BITUCOTE at right angles to the first coat. If a thicker film build is required, the second coat should be BITUCOTE M1M.

### Water tank and pipe line protection

Two coats of BITUCOTE should be applied as detailed above. Where necessary the coating can be thickened at floor/wall corners by forming a 20x20mm fillet onto the first coat of BITUCOTE and liberally coating with a second coat of BITUCOTE.

### Concrete screeds or render

Where it is necessary to cover the membrane with a screed or render, clean grit 2mm nominal size should be broadcast into the wet second coat to provide a mechanical key. All loose grit should be removed prior to placing the screed/ render. (Care should be taken to ensure that the membrane is not damaged during placing of the screed).

### Curing compound

Apply two coats of BITUCOTE as for damp proof membranes. This will give a curing efficiency in excess

of 80% and comply with ASTM C309. BITUCOTE can be applied to damp concrete.

## Repairs

Damaged areas of BITUCOTE can be readily over coated to restore the continuity of the membrane.

## Cleaning

Tools and equipment should be cleaned with Redwop Solvent 102 immediately after use.

## Limitations

Application should not commence if the temperature of the substrate is below 6°C or above 45°C.

## Technical support

Redwop offers a comprehensive range of high performance, high quality repair, and maintenance and construction products. In addition, Redwop offers a technical support package to specifies, end-users and contractors, as well as on-site technical assistance in locations all over the world.

## Storage

### Shelf life

At least 12 months if kept in original unopened containers.

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## Storage conditions

Store under normal warehouse conditions in the original unopened containers away from direct sources of heat or naked flames. Do not cover with tarpaulin other than for trucking purposes.

## Precautions

### Health and safety

Some people are sensitive to resins and solvents so gloves and a barrier cream such as Kerodex Antisolvent, Rozalex Antipaint, Debba-Wet Work or similar should be used when handling these products. Remove contamination from the skin with soap and water or a resin removing cream such as Kerocleanse Standard Grade Skin Cleanser or Rozaklens Industrial Skin Cleanser. Follow by washing with soap and water. **Do not** use solvent. The use of goggles is recommended but should accidental eye contamination occur, wash thoroughly with plenty of water and seek medical treatment immediately. BITUCOTE contains solvents. Avoid breathing the vapours and ensure good ventilation. Replace lid when not in use. Soak up any spillage with sand or sawdust.

### Fire

BITUCOTE and Redwop Solvent 102 are flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.s



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**NOTE:** Redwop products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale,

