



constructive solutions

# Concure DPM\*

Rubberised bitumen emulsion curing compound & foundation protective coating

## Uses

A cold applied rubberised bitumen membrane for use as a curing compound and which provides a permanent damp proof membrane and protective coating for concrete. It will allow the concrete to hydrate efficiently while at the same time providing a lasting protection against aggressive salts that may be present in ground water.

## Advantages

- Improved curing of concrete, enhances cement hydration and provides a more durable concrete
- Easy to use - single component only requiring stirring before use, No heating is required
- Safe to use - water based, containing no harmful solvents, No risk of fire
- Chemical resistance - resists attack from chlorides and sulphates in ground water

## Standards compliance

Concure DPM complies with water retention requirements of ASTM C309.

## Description

Concure DPM is a rubber reinforced bitumen emulsion based curing compound. When first applied to a fresh cementitious surface the product forms a dark brown continuous non-penetrating coating.

This coating dries to form a black flexible continuous film which provides a barrier to moisture loss ensuring more efficient cement hydration, improved durability and reduced shrinkage. It then remains in place providing a permanent damp proof membrane which resists the passage of aggressive salts that are present in ground water, providing lasting protection to the concrete.

## Technical support

Fosroc offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

## Design criteria

Concure DPM is designed for application in two coats to achieve a total dry film thickness of approximately 100 microns.

## Properties

<b>Drying time</b>	: 3 hours @ 20°C
<b>Overcoating time</b>	: 3 hours minimum

## Instructions for use

### Surface preparation

All surfaces must be clean and free from dirt, stains, oils, grease or form coating which may otherwise prevent adhesion of Concure DPM to the concrete. All loosely adhering particles must be removed.

### Application

Concure DPM should be well stirred before use. Application should be made to the surface of concrete by brush or squeegee at a rate of 6 m<sup>2</sup> per litre per coat. Two coats should be applied, allowing the first coat to dry completely before applying the second. The second coat should be applied at right angles to the first. All applications should be continued up verticals to existing damp proof course. Ensure that the membrane is not punctured or damaged during any subsequent operations.

### Overcoating

Where slab surface is to receive a render or plaster finish a keyed surface should be formed by gritting the second coat of Concure DPM with clean dry sand. Allow a minimum drying period of 48 hours before plastering, rendering or laying of a floor screed. Damaged areas of Concure DPM can be readily overcoated to restore the continuity of the membrane.

## Estimating

### Supply

<b>Concure DPM</b>	: 20 & 210 litre drums
<b>Fosroc Solvent 102</b>	: 4 & 20 litre packs

### Coverage

<b>Concure DPM</b>	: 6.0 m <sup>2</sup> /litre @ 165 micron wft per coat
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**Note:** Coverage rates outside this recommended range may be used if necessary and suitable to meet specific requirements. Contact the Fosroc Technical Service department for advice in such cases.

## Storage

Concure DPM and Fosroc Solvent 102 have a shelf life of 6 months minimum if kept in a dry store between 5°C and 30°C in the original, unopened containers. Freezing or prolonged exposure to direct heat or direct sunlight must also be avoided. Storage outside these guidelines will impair shelf life. Do not use if evaporated or thickened.

# Concure DPM\*

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## Precautions

### Health & safety

Concure DPM and Fosroc Solvent 102 should not be swallowed or allowed to come into contact with skin and eyes. Avoid inhalation of vapours and ensure adequate ventilation. Suitable protective gloves and goggles should be worn.

Some people are sensitive to resins and solvents. Barrier creams such as Kerodex Antisolvent or Rozalex Antipaint provide additional skin protection. Should accidental skin contact occur remove immediately with a resin removing cream such as Kerocleanse Standard Grade Skin Cleanser or Rozaklens Industrial Skin Cleanser, followed by washing with soap and water - do not use solvent. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

For further information consult the Safety Data Sheet available for this product.

### Fire

Concure DPM is non flammable. Fosroc Solvent 102 is flammable. Keep away from sources of ignition. No smoking. In the event of fire, extinguish with CO<sub>2</sub> or foam. Do not use a water jet.

### Flash point

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**Fosroc Solvent 102** : 33°C

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### Cleaning and disposal

All equipment should be cleaned immediately after use. Concure DPM can be removed with clean water while wet. However, once the material has dried, it can only be removed with Fosroc Solvent 102\*.

Spillages of Concure DPM should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. The disposal of excess of waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

## The Right Chemistry for Construction

Fosroc is one of the world's major manufacturers of advanced technology chemical based products for the construction and refurbishment industries. It operates internationally through a network of operating companies, licensees, distributors and agents.

Having over 70 years experience and using global resources for research and technical development, Fosroc has built a substantial worldwide reputation in manufacturing the most comprehensive range of high performance construction chemicals:

- Concrete admixtures
- Surface treatments
- Grouts and anchors
- Concrete repair
- Industrial flooring
- Protective coatings
- Joint sealants
- Waterproofing
- Adhesives
- F.R.P Structural Strengthening
- Specific building products

\* Denotes the trademark of Fosroc International Ltd.



### Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service.

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