



Concure AB*

Acrylic based curing compound

Uses

As a spray applied membrane for interior application on renders or concrete surfaces. Particularly suitable for situations where after trades, such as paints or renders, are to be applied.

Advantages

- Improved curing of concrete, enhances cement hydration and provides a more durable concrete
- Control of moisture loss improves surface quality, reducing permeability, producing a hard wearing, dust free surface and minimizing potential for surface cracking and shrinkage
- Compatible with many after-trade applications
- Easy application reduces labour costs

Description

Concure AB is an acrylic resin based curing compound. When first applied to a fresh cementitious surface the product forms a continuous non-penetrating coating. This coating dries to form a continuous film which provides a barrier to moisture loss ensuring more efficient cement hydration, improved durability and reduced shrinkage.

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.

Instructions for use

Application to fresh concrete

Concure AB should be spray applied to the surface of fresh concrete. Application should be made approximately 30 minutes after evaporation has left the concrete free from water. The spray nozzle should be held approximately 450 mm from the concrete surface and passed back and forth to ensure complete coverage. Pump pressure should be maintained to give an even, fine spray.

After application, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be walked on before it is fully dry and care should be taken to ensure that the film is not broken.

If spray equipment is not available, Concure AB can be applied with a soft brush, broom or wide roller. Application in this manner should only be made once the concrete has hardened sufficiently to not be damaged during application.

Application to hardened concrete

Concure AB may also be applied to the surface of newly hardened concrete immediately after demoulding. Surfaces should be free of stains, oils or form coating, which may otherwise prevent adhesion of Concure AB to the concrete.

Coverage rate

The recommended coverage rate for Concure AB is between 4.0 and 6.0 m²/litre (0.25 to 0.16 litre/m²). Coverage rates outside this recommended range might be used if necessary and suitable to meet specific requirements. Contact the Fosroc Technical Service Department for advice in such cases.

Equipment

Spray equipment producing a fine mist may be used for Concure AB, such as knapsack or motorized sprayers. The suitability of equipment should be ensured by an application trial.

Equipment cleaning

Spray equipment should be cleaned immediately after use by flushing through with white spirit.

Overcoating and after-trades

Concure AB is compatible with many after-trades. Contact the Fosroc Technical Service Department for advice in specific cases. In all cases it is recommended that small trial areas are used to ensure that the desired properties are obtained. Before overcoating, ensure that the Concure AB surface is completely free of stains, oils and other materials that may interfere with the adhesion of the after-trade.

Limitations

Specification for high efficiency curing membranes can be met use Concure AB, Concure 90 and Concure WB*.

Estimating

Supply

Concure AB	: 20 & 210 litre drums
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Coverage

Concure AB	: 4.0 - 6.0 m ² /litre
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Concure AB*

Storage

Concure AB has a shelf life of 12 months minimum if kept in a dry store between 4°C and 35°C in the original, unopened containers. Freezing or prolonged exposure to direct heat or direct sunlight must also be avoided. Storage outside these guidelines may impair shelf life. Do not use if evaporated, thickened or discolored.

Precautions

Health & safety

Concure AB 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 AB is flammable. Do not expose to naked flames or other sources of ignition.

Flash point

Conplast AB : 38°C

Cleaning and disposal

Spillages of Concure AB 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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