



constructive solutions

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 minimising 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 provides a technical advisory service for on-site assistance and advice on admixture selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for admixtures and other products for use with fresh and hardened concrete.

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 surface 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 waked 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 de-moulding. 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 1.6 litres/m²). 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.

Equipment

Spray equipment producing a fine mist may be used for Concure AB, such as knapsack or motorised 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.

Over-coating 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 over-coating, 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

Specifications for high efficiency curing membranes can be met using Concure A, Concure 90 and Concure WB.

Estimating

Recommended coverage rate is between 4.0 and 6.0 m²/litre.

Concure AB

Packaging

Concure AB is available in drum supply. Details of specific packaging volumes are available on request.

Storage

Store Concure AB at temperatures between 4°C and 35°C in unopened original 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 discoloured.

Shelf life

12 months when stored in original unopened containers under normal warehouse condition.

Precautions

Health and 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 Anti-solvent or Rozalex Anti-paint provide additional skin protection. Should accidental skin contact occur remove immediately with a resin removing cream such as Kerocleanse Standard Grade Skin Cleanser or Rozaclens Industrial Skin Cleanser, followed by washing with soap and water. **Do not** use solvent. If Concure AB comes into 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 Material 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: 38°C

Cleaning and disposal

Spillages of Concure AB should be absorbed onto sand, earth or vermiculate 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.

Additional information

A range of resin-based high efficiency Concure grades are available to meet specific curing requirements. There is also a range of permanent curing compounds which will accept direct application of paints and other surface finishes - these include Concure A, Concure 90, Concure WB, Concure CR and Concure P.



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