

Water based acrylic curing compound - conforms to AS3799

Uses

Concure A99 is recommended for applications to the surfaces of freshly laid concrete, including renders, structural and mass concrete indoors and outdoors and particularly in situations where other conventional means of wet curing are difficult to maintain.

Advantages

- Water retention efficiency of 90%. Complies to AS3799-1998
- Water based and environmentally friendly
- Eliminates the need for damp hessian, sand or polythene sheeting
- Rapid film formation
- Will not yellow in sunlight
- Economical
- Seals concrete surfaces
- Accepts most after trades

Description

Concure A99 is a liquid acrylic emulsion membrane curing compound, which when applied to fresh concrete dries to a transparent film of high water retention enabling curing of the concrete by reducing loss of water from the concrete.

Design Criteria

Concure A99 may be applied to the substrate at various coverage rates to achieve the desired water retention efficiency, however AS3799 requires materials to be applied in a single coat application at a coverage rate of 5m²/litre.

Application rate	No. of coats	Efficiency (AS3799)
5m ² /litre	1	>90%

Test certificates are available on request.

Technical Support

Fosroc offers a comprehensive range of high performance, high quality repair, maintenance and construction products. In addition, the company offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Specification Clause

Water based, acrylic concrete curing compound

Provide a water based, acrylic emulsion concrete curing compound to all newly placed designated concrete surface areas.

The acrylic curing compound must achieve the following criteria:

Conform with:	AS3799-1998
Water retention efficiency:	90% minimum
Volume solids content:	40% ± 1%

Concure A99 supplied by Fosroc meets the above performance criteria. Application is in accordance with the manufacturers instructions.

Properties

Data quoted typical for this product, but does not constitute a specification.

Volume solids:	40% ± 1%
Viscosity:	20-22 seconds (ford #4)
Drying time:	1 - 3 hours tack free 24 hours trafficable
Application temperature:	10°C - 35°C
VOC content:	163g / litre

Application Instructions

Stir contents thoroughly before using.

Spray Concure A99 evenly over the freshly laid concrete as soon as possible after final trowelling just after the disappearance of surface bleed water for maximum water retention (approximately 1 to 2 hours depending on the ambient temperature and atmospheric conditions).

If spray equipment is not available, apply with a soft brush, broom or wide nap roller as soon as the concrete surface is hard enough.

Apply to vertical surfaces immediately after the formwork has been removed.

Apply at an even coverage rate of not greater than 5m²/litre.

Ensure the concrete surface is completely free of stains, oils, form coatings etc. to obtain good adhesion of Concure A99 and to avoid discoloration or uneven surface effects.

Cleaning

Concure A99 should be removed from tools and equipment with water immediately after use.

Fosroc® Concure® A99

Limitations

Concure A99 accepts most after trades however please consult Fosroc prior to application of Concure A99 to confirm suitability of after trades. In some instances we will recommend removal of the Concure A99 by mechanical means such as a light grind prior to applying subsequent material.

We do not recommend the use of direct stick timber or parquet flooring products over Concure A99.

Do not brush on to soft, wet concrete or render surfaces which will be disturbed and thus prevent formation of the curing film.

Concure A99 should not be used as the curing compound for any metallic based integral floor hardeners. Concure CR should always be used with these products to prevent rusting of the aggregate.

Concure A99 is a milky white stable emulsion. Do not use any material which has discoloured. Always first make a test trial application for approval, before proceeding with the job.

Supply

Concure A99 20 litre:	FC600909-20L
Concure A99 205 litre:	FC600909-205L
Concure A99 1000 litre:	FC600909-1000L

Coverage

Concure A99:	5m ² / litre
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Storage

Concure A99 has a shelf life of 24 months if kept in a dry store in the original, unopened packs.

Important notice

A Safety Data Sheet (SDS) is available from the Fosroc website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Fosroc does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



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