Fosroc®
Concure® A99

constructive solutions

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.

Concure A99 can also be used as a clear sealer on concrete, especially off-form vertical concrete.

Advantages

- Water retention efficiency of 90%. Complies to AS3799-1998
- Complies to AS/NZS 4020:2018 - suitable for use in contact with drinking water
- 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

Standards Compliance

Concure A99 complies to AS 3799-1998 as Class D, Type 1 curing compound; Boral Ref 258/26.

Concure A99 complies to AS/NZS 4020-2018 at an exposure level of 15,000mm² per litre; AWQC Ref 130335-2020-CSR-8.

Copies of the test certificates are available on the Fosroc website.

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

AS3799 requires materials to be applied in a single coat application at a coverage rate of 5m²/litre.

When a sealer is required as a final coating on the concrete surface i.e. no other after trades, Concure A99 may be used to both cure and seal the concrete.

When used as a clear sealer, Concure A99 may require more than one coat to achieve the desired finish.

Properties

Appearance:	Milky white liquid
Water retention efficiency (AS3799.3.1.2):	90%
Non volatile content (AS3799.3.1.2):	30.69%
Density (AS3799.3.1.9):	1.009 kg/L
Viscosity (AS3799.3.1.5):	0.09 Pa.s
Drying time:	
Tack free	4 hours (AS3799.3.1.4)
Trafficable:	24 hours
Stability of emulsion (RMS T862):	0.89%
Residue 150um (AS3799.3.1.6):	0.05%
Application temperature:	5°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.

Limitations

Concure A99 accepts many acrylic based after trades obviating the need to remove it. However please consult Fosroc prior to application of Concure A99 to confirm suitability of specific 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 parquetry 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 be used with these products to prevent rusting of the aggregate.

When being used as a combined curing compound/sealer on horizontal concrete, it is important that Concure A99 is not applied too soon after trowelling finishes to limit any further bleed water affecting the Concure A99 adhesion and it turning milky. Coats applied too thickly may also remain a milky colour when dry. Multiple thin coats are recommended.

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 (MTO*):	FC600909-1000L
*Made to order:	Min order qty 1
Lead time;	21 -28 days

Coverage

Concure A99:	5m^2 / litre

Storage

Concure A99 should be be stored in dry conditions between 5°C to 35°C in original unopened packaging. Protect from frost.

Do not use if there are lumps in the product or has a bacterial (rotting) smell.

Concure A99 is a milky white stable emulsion. Do not use any material which has discoloured.

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. Parchem 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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