

## Water dispersed hydrocarbon resin/ bitumen blend curing compound

### Uses

The Concure B90 formulation and blend of bitumen resins and hydrocarbons, enables it to not only cures concrete but it also acts as a primer coat for asphalt and bitumen overlays.

It is ideally suitable for bridge decks and road construction where a concrete curing compound and bitumen primer can be applied in one application.

### Advantages

- Ideal primer coat for asphalt or bitumen overlays on concrete roads, bridges or parking decks
- Complies with Australian Standards AS3799 - achieves water retention of >90%
- Contains no wax
- Reduces plastic shrinkage
- Eliminates the need for curing by ponded water, damp hession or polythene sheeting
- Waterbased - no solvent odour; clean equipment in water

### Standards Compliance

Concure B90 complies to AS 3799-1998 as Class Z, Type 1 curing compound; Boral Req. 108594. Copies of the test certificate are available on the Fosroc website.

Concure B90 also complies with TfNSW specification R83 requirements. Contact Fosroc for further details.

### Description

Concure B90 is a blend of bitumen and hydrocarbon resins emulsified in water. The film formed by Concure B90 prevents excessive water evaporation, promotes efficient cement hydration, minimises shrinkage whilst increasing durability of the concrete.

### Properties

<b>Appearance:</b>	Black bituminous liquid
<b>Water retention efficiency (AS3799.3.1.2):</b>	92%
<b>Non volatile content (AS3799.3.1.2):</b>	53.51%
<b>Density (AS3799.3.1.9):</b>	0.997 kg/L
<b>Viscosity (AS3799.3.1.5):</b>	0.05 Pa.s
<b>Drying time:</b>	
Tack free	4 hours (AS3799.3.1.4)
Hard Dry:	4 - 8 hours
Trafficable:	24 hours
<b>Application temperature:</b>	10°C - 35°C
<b>Flash point:</b>	84°C
<b>Stability of emulsion (RMS T862):</b>	0.20%
<b>Residue 150um (AS3799.3.1.6)</b>	0.14%

### Application

Apply Concure B90 to the concrete as soon as the bleed water has gone and the new concrete has hardened sufficiently so as not to be marked by the application process.

Apply Concure B90 undiluted at a rate of 1 litre per 5m<sup>2</sup>/L. Best applied by spray, however, may also be applied by brush, roller or broom.

If the concrete surface is required to be trafficable prior to having an overlay placed then sand can be placed over the Concure B90 to increase the abrasion resistance of the coating.

### Cleaning

Concure B90 should be removed from tools and equipment with water.

### Limitations

Concure B90 is NOT a "tack coat". Where required a "tack coat" should still be applied, however Concure B90 does not need to be removed prior to cationic tack coat applications

Concure B90 can be used as a prime coat and is not required to be removed, for asphalt overlays.

### Supply

Concure B90 is made to order subject to minimum order quantity (MOQ) and lead time of approximately 21 days.

Concure B90 20 litre (MTO):	MOQ 32	FC600805-20L
Concure B90 200 litre (MTO):	MOQ 4	FC600805-200L
Concure B90 1000 litre (MTO):	MOQ 1	FC600805-1000L

### Coverage

Concure B90:	5m <sup>2</sup> /litre
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### Storage

Concure B90 should be kept in a dry store in the original, unopened packs.

If stored at high temperatures and/or high humidity conditions the shelf life may be reduced.

# Fosroc® Concure® B90

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## 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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