

# **EVENRANGE**

## **CONCRETE SOLUTIONS**

### **EVENCURE BCP—Bituminous Curing Compound**

#### **INTRODUCTION**

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

#### **BENEFITS**

- 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 hessian or polythene sheeting
- Cationic emulsion
- Ideal primer coat for asphalt or bitumen overlays on concrete roads, bridges or parking decks
- Totally water based with no solvent odour
- Clean equipment in water

#### **USES**

Evencure BCP is suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors.

#### **SPECIAL FEATURES**

Due to its totally unique formulation and blend of bitumen resins and hydrocarbons, Evencure BCP 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.

#### **SURFACE APPLICATION**

Apply Evencure BCP 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 Evencure BCP undiluted at a rate of 1 litre per 4.5m<sup>2</sup>. 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 or fine stone can be placed over the Evencure BCP to increase the abrasion resistance of the coating.

#### **CAUTION**

Evencure BCP is **NOT** a “tack coat”. Where required a “tack coat” should still be applied.

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#### TYPICAL PROPERTIES AND APPLICATION DATA

<i>Appearance:</i>	Black free flowing liquid
<i>Coverage:</i>	5m <sup>2</sup> per litre
<i>Viscosity:</i>	0.22 Pascal seconds
<i>Solids:</i>	50% or greater
<i>Solubility in Water:</i>	Soluble
<i>Flash Point:</i>	100°C
<i>Solvents:</i>	Not applicable
<i>Application Temperature:</i>	10°C - 35°C
<i>Shelf Life:</i>	6 months maximum
<i>Dry Time: Tack Free:</i>	1 - 3 hours
<i>Hard Dry:</i>	4 - 8 hours
<i>Trafficable:</i>	24 hours
<i>Application By:</i>	- Spray- Brush - Roller- Broom
<i>Packaging:</i>	- 1000lt Palletcon - 205Lt Eponlined drum - 20 Lt Plastic Cube
<i>UN Number:</i>	Not applicable
<i>Dangerous Goods</i>	
<i>Class:</i>	Not applicable
<i>Hazchem Code:</i>	Not applicable
<i>Packaging Group:</i>	Not applicable
<i>Poison Schedule:</i>	5

*Refer to Material Safety Data Sheet for precautions and personal protection.*

*Disclaimer: Any advice, recommendation, information, assistance or service provided by application is in good faith and is believed by EVENRANGE PTY LTD to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by EVENRANGE PTY LTD is provided without liability.*