

# ECO-CURE™ — Type II Environmental Curing Compound

Patent Pending

## INTRODUCTION

Eco-Cure™ is an environmental liquid membrane compound manufactured for use on concrete Road and Highway Construction.

***Eco-Cure™ is the first of its kind and a unique curing compound that does not contain Hydrocarbons like Resins and Mineral Spirits.***

Eco-Cure™ has been proven to have better performance than the traditional Hydrocarbon based curing compounds.

## BENEFITS

- Environmentally friendly
- Contains no harmful chemicals
- Complies with Australian Standards AS3799
- Achieves water retention of 90% or greater
- Increased abrasion resistance
- Eliminates the need for curing by ponded water, damp hessian or polythene sheeting
- Reduces concrete dusting and plastic shrinkage
- One coat application
- Equipment washable in water
- May have red fugitive dye added

## USES

Eco-Cure™ was formulated specifically for State, Federal and Municipal highway and airport paving projects but can be used anywhere that requires moisture retention of the concrete.

## ADVANTAGES

Eco-Cure™ was formulated to meet the stringent environmental requirements of the “green” construction methods.

After 7 years of research and numerous testing procedures Eco-Cure™ was shown to have the following advantages over existing curing systems.

- No solvents, hydrocarbons or resins of any type
- No wax or wax based additives
- No odour before or after application
- No staining of clothing or equipment
- No “sticky” residue
- No environmental problems from residue waste or spillage
- No “health” issues for personnel
- No adhesion problems with after trades
- No discoloration of the concrete surface
- No blockage of spray equipment

## SURFACE APPLICATION

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

*If settling of product occurs mix gently prior to use.*

After 28 days Eco-Cure™ oxidises and turns to dust. The dust residue can then be swept, washed or vacuumed off to leave a surface suitable for after trades.

This dust *DOES NOT* have any adverse health or environmental issues.

## TYPICAL PROPERTIES AND APPLICATION DATA

<i>Appearance:</i>	Milky liquid
<i>Coverage:</i>	5m <sup>2</sup> per litre
<i>Solids:</i>	6%
<i>Solubility in Water:</i>	Soluble
<i>Flash Point:</i>	>95°C
<i>Solvents:</i>	Not applicable
<i>Shelf Life:</i>	12 months maximum
<i>Dry Time:</i>	<i>Tack Free:</i> 20 mins
	<i>Hard Dry:</i> 1 hour
<i>Application Temperature:</i>	10°C - 35°C
<i>Application By:</i>	- Spray - Brush - Roller - Broom
<i>Packaging:</i>	- 205Lt Eponlined drum - 20 Lt Plastic Cube - 1000lt Palletcon
<i>UN Number:</i>	Not applicable
<i>Hazchem Code:</i>	Not applicable
<i>Packaging Group:</i>	Not applicable
<i>Poison Schedule:</i>	Not applicable
<i>Dangerous Goods Class:</i>	Not applicable

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

**Disclaimer:** Any advice, recommendation, information, assistance or service provided by EVENRANGE in relation to goods manufactured or supplied by them or their use and application is in good faith and is believed by EVENRANGE to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by EVENRANGE is provided without liability