

EVENRANGE CONCRETE SOLUTIONS

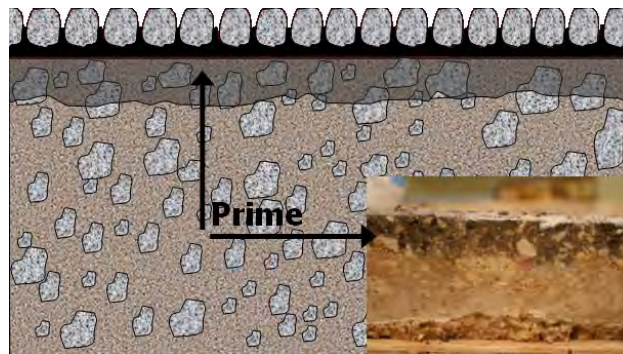
EC-30™

Environmental Prime Coat/Curing Compound Alternative to Prime Coats

PRODUCT DESCRIPTION

EC-30™ is designed to penetrate ½ to 1 inch into the base and sub-base of stabilized limestone, gravel, caliche bases.

Traditionally known as cutback asphalts, prime coats (aka primes), have been known to most effectively cure sub-base and base materials, while at the same time been scrutinized for its *un-environmental* application methods.



EC-30™ was designed to perform the below functions:-

- Bond the HMA layer to the base
- Penetrates deeper than the conventional emulsified asphalts, ½ to 1 inches of base
- Cures and evaporates faster than traditional cut backs.
- Does not contain hydrocarbons
- Can lay HMA faster
- Does not require blotter sand to absorb excess material.
- Dries in 2 to 3 hours
- EC-30™ does not require heat to maintain in applicable conditions, reducing energy costs and liability issues regarding transporting heated trucks or heated tanks in location
- Dust control
- Does not contain hydrocarbon related VOC's.
- Substantially reduced EPA concerns on air and water contamination (See MSDS)
- Reduced environmental and human liability when applying/inhaling/handling cutback materials

Preliminary investigations have led to positive results with all requirements for the products applications; however, further investigation is required to create a workable platform for contractor traffic after 72 hours application.

Current tests indicate a degrading performance if EC-30™ is applied if contractor traffic is opened immediately after application.

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EC-30™

(Environmental Prime Coat & Alternative to Asphalt Emulsions)

TYPICAL PROPERTIES AND APPLICATION DATA

<i>Appearance:</i>	Brown odourless liquid
<i>Solubility in Water:</i>	Miscible
<i>Boiling Point (°F):</i>	212°F
<i>Specific Gravity (H₂O=1):</i>	1.02
<i>Vapour Pressure:</i>	7.535 (Gauge)
<i>Percentage Volatile:</i>	0
<i>Flammability:</i>	Non flammable in both water and dry state
<i>Solvents:</i>	Not applicable
<i>Shelf Life:</i>	12 months maximum
<i>Application Rate:</i>	0.15 - 0.30 gallons per square yard
<i>Application Temperature:</i>	Min 40°F Max 140°F
<i>Application By:</i>	Spray
<i>Packaging:</i>	- 1000lt Palletcon - 205Lt Eponlined drum
<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

STORAGE

EC-30™ is a waterbased suspension and should not be exposed to freezing temperatures below 40°F or overheating over 140°F.

The emulsion is chemically stabilized, so care should be taken not to upset the chemical balance with contamination by chemicals, over-exposure to air, or adverse mechanical or thermal conditions. Before being filled, tanks and trucks should be examined for possible contaminants. Tanks may be circulated top to bottom with a pump, but over-pumping is to be avoided.

PRECAUTIONS

DO NOT DILUTE WITH ADDITIONAL WATER. Do not apply when temperatures are below 40°F (keep from freezing). Do not mix or dilute with other compounds that contain solvents such as mineral spirits, or fluids that might contain petroleum distillates. This product is not recommended to be used in areas where other treatments are to be used including hardeners.

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.

EC-30™ is patent pending