

# VS WR-306

## CEMENT HYDROPHOBICITY

### WATERPROOFING CHEMICALS

## Description

VS WR 306 is a solvent less versatile non-ionic emulsion of functional silicone polymer. Which react with cement hydrate during cement curing and provide hydrophobicity.

## Physical/Chemical Specifications

### VS WR 306

Appearance	Milky White
Colour	White
Solid Content %	55

The figures are intended as a guide and should not be used in preparing specifications.

## Application

- Additive for Cement which provide water resistance
- Additive for water base masonry coating
- Silicone resin emulsion paint
- Additive whitewash emulsion
- Additive for interior paints
- Additive for high solid emulsion coating
- Silicate emulsion paints and plasters

## Features

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- Excellent stability
- Alkaline resistance
- Solvent less

## Potential Benefits

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- Enhance water repellency
- Improved workability
- Improved process ability and antiblock properties
- Improved water-vapor permeability
- Reduces coefficient of friction

## Recommended Use

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We recommend VS WR 306 as a water repellent for masonry primer coating adding 0.5% w/w to 5% w/w.

## Product Safety, Handling & Storage

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As the product contains solvents, the relevant regulations on the handling of such products should be observed. Correctly stored in its original unopened container VSWMCO VS WR 306 has a shelf life of 6 month from the date of manufacturing.

## Packaging

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Available in 50 & 200 kg sealed HDPE container.

## Toxicological Data

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VSWMCO VS WR 306 has low order of toxicity and should pose no hazard Incidental to industrial handling if reasonable cleanliness and care is observed. The acute oral toxicity is not determined.

## Note

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The data and statements contained herein are based on our research and/or the research of others, and are believed to be accurate. No guarantee of their accuracy is made however, and unless expressly stated in a written contract, the product(s) discussed herein are sold without conditions or warranties, expressed or implied. Purchasers are advised to make their own tests to determine the suitability of this product for their particular purposes. Nothing contained herein shall be construed as a recommendation to use or as a license to operate under or to infringe on any existing patent.

# GREENCEMENT

## for Soil Stabilization and Strength

### Product Description:

GREENCEMENT is a concentrated multilayer formulation that alters and stabilizes the properties of soil to produce a strong long lasting road base or hard stand.

### Properties:

GREENCEMENT provides the environmental advantages of being non toxic, non-Caustic, Non corrosive, and it is totally biodegradable.

When mixed with water and applied prior to compaction, GREENCEMENT acts upon organic fines contained in the soil through a catalytic bonding process. Unlike inorganic or Petroleum based products, which temporarily hold soil materials together, GREENCEMENT causes the soil to bond during compaction into dense based. This process Takes place in 72 hours under normal summer conditions.

### Applications:

GREENCEMENT helps build roads, runways, hard stand



Soil compaction takes place 24 hours after treatment with GREENCEMENT.

and similar area, faster and cheaper than concrete or asphalt and it will outlast most hard paved road. GREENCEMENT technology now allows the construction of high quality roads and similar surface at up to 40% saving over concrete and asphalt. Maintenance is reduced too, as GREENCEMENT roads will not split, regardless of weather conditions from Extreme heat to subzero temperature.

GREENCEMENT treated soil is not fully water resistant, and in areas where moisture is expected, either from precipitation or capillary rise, it should be coated with water repellent solution VS-WR-50. GREENCEMENT is a concentrated multienzyme formulation and hardens and stabilizes soil.

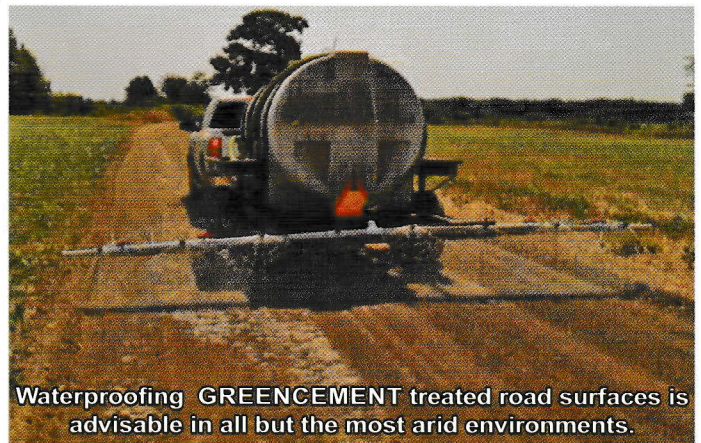
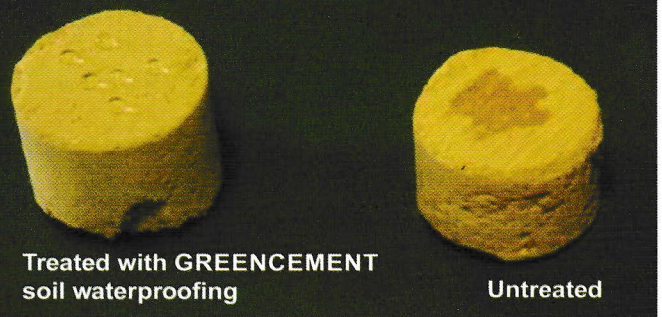
### Advantages of GREENCEMENT

- ◆ Strengthens soils for long lasting roadbeds, runways, and parking area
- ◆ Creates hard stands for light and heavy equipment.
- ◆ Eliminates the plasticity(Expansion and concentration) of clay soils.
- ◆ Create an ideal soil base for waterproofing with VSWMCO products.

### How to Apply

GREENCEMENT is easily to apply and requires no special

### GREENCEMENT treated soil cylinders



Waterproofing GREENCEMENT treated road surfaces is advisable in all but the most arid environments.

equipment or application procedure. It can be used with reclaiming machines or applied with regular road building machine. The soil should be tilled to the desired depth usually (6" to 12" deep) and GREENCEMENT mixed into the tilled soil: the depth treated depends on the anticipated use. Add one Kg GREENCEMENT to 1000 liters of water(10 liters of GREENCEMENT to One tanker of water i.e., 10,000 liters)

### Packing & Storage

GREENCEMENT storage under shed Not to Expose in sunlight or freezing cold. 25 Lits Packing. Life 12 months Best Use within 2 Months After Opening the carboy. GREENCEMENT is a neutral product having consortium of vegetative bacteria and there is no specific Product specification.

### Safety Note

GREENCEMENT does not irritate skin tissue and causes no rashes or burns. It contains no combustible material, is non explosive and can be used near open flames. it will non gaseous and can be stored in poorly ventilation harm human, animal, fish or vegetable under normalize and its totally biodegradable.