



CSC - CO-POLYMER SOIL CEMENT

Top Down Dust Capping, Erosion Control & Hydroseeding



WHERE SCIENCE



MEETS THE EARTH



EROSION CONTROL, DUST SUPPRESSION & HYDROSEEDING

CSC's advanced technology has been proven and rigorously evaluated for sand and soil stabilization, reducing erosion control and dust solution problems in large highway construction sites.

SAVING RESOURCES

CSC is able to be use in extremely low doses making it one of the most cost competitive polymers on the market. As a concentrated liquid, CSC can be diluted with any potable water source and can be applied by hydro seeding or flow pump systems.

PRODUCT BENEFITS

Top down Dust Capping, Dust Suppression, Erosion Control and Hydro seeding

Superskin Polymer Technology

CSC is your unique solution from simple dust control to heavy erosion control.

CSC is a liquid co-polymer that has multiple applications. CSC can be used for short term dust control, erosion control and dust capping.

Using a heavier dose rate, CSC is successfully used in hydro-seeding as a thin polymer layer mixed with seed of your choice that promotes successful vegetation propagation.

CSC is environmentally safe to use, easy for your applicators to handle and an inexpensive option for multiple civil applications.





CSC



Dust Capping on construction sites

Embankments (Tel Alliance Project)

Haul Roads

FAST FACTS



Industries where CSC can be successfully used:

- Stockpiles
- Construction Sites
- Mine tailing piles and stockpiles
- Train carriage dust control
- Temporary car parks
- Yards
- Embankment stabilization
- Anywhere there is airborne dust that is not trafficked

Installation Details

CSC can be applied using three application methods:

- Typically applied
- Sprayed using a pump and hose
- Sprayed using Hydro-seeding equipment

*** (application methodologies available on request)

The Facts

CSC advanced UV stable technology creates a superskin which is not only water resistant it is extremely flexible, durable and, can be used at very low dose rates. This polymer is unique, having been specifically designed for use in and on soils, sands and other free flowing or unbound surfaces.

CSC has a proven ability when used for hydroseeding to create successful vegetation growth by holding moisture and creating the correct environment for the germination.

Features and Benefits

- Specifically designed for free flowing or unbound surfaces
- Fast setting and, once applied, CSC is not susceptible to weather.
- Reduce dust to PM10 Standards
- Can be used on many soil types
- Provides safer roads and driving conditions
- Minimises wind and water erosion
- Can be topped up if dust appears or skin is broken
- UV resistant
- Meets environmental requirements
- Can be used when Hydroseeding, dust capping & dust suppression and erosion control
- CSC can be diluted with almost any water including Grey water
- CSC does not cure chemically it cures as the water evaporates and typically within 24 hours for the initial set. Temperature and weather are the primary factors and cold weather will significantly increase curing time. The lower the temperature, the longer the cure time.
- Once applied CSC has a life span of between 4-12 months from the first maintenance coat. Repairs may be needed where the surface crust has been broken.

Disclaimer, The data presented is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all test results by conducting their own trials. We reserve the right to alter product constants within the scope of technical progress or new developments. Any recommendations made in our literature should be checked by preliminary trials because of conditions during application over which we have no control, especially where raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

