

\$450 MILLION PROJECT
TEL ALLIANCE
HEB/FULTON HOGAN
PAPAMOA, AUCKLAND

CSC – CO-POLYMER SOIL CEMENT
DUST CAPPING AND EROSION CONTROL PRODUCT



PRODUCT CSC – CO SOIL CEMENT
DUST CAPPING AND EROSION CONTROL PRODUCT

CONTACT JAKE CROCKFORD, ENVIRONMENTAL OFFICER

CLIENT HEB/FULTON HOGAN ALLIANCE

CONTRACTOR GRAVEL LOCK LTD

LOCATION PAPAMOA, AUCKLAND

WHERE SCIENCE



MEETS THE EARTH

PROJECT-

This 28km long 4 lane wide highway was one of the largest projects being constructed in New Zealand at the time. The highway was constructed over weak subgrades so it needed to be preloaded with millions of tons of sand and soil requiring strict environmental controls. Gravel Lock was proud to be a key supplier of CSC dust capping and erosion control in the Tauranga Eastern Link project. This road experienced an annual rainfall of close to 1200mm per annum.

Rain Data provided by MET Service Tauranga

DESIGN & INSTALLATION - 100MLS PER 1LTR WATER - NO RAIN 24 HOURS PRIOR TO APPLICATION

CSC is a Short Term Dust Suppression & Erosion Control Product. CSC is an easy to apply liquid bonding agent which is simply diluted with water at the recommended dose rate and sprayed to the surface of any non-trafficked area. CSC binds soils together to become resistant to wind, rain, erosion, dust and washouts. CSC is non-toxic, environmentally safe, super-concentrated and easy to use. Simply mix 100mls with 1ltr of water and apply with any hand backpack-type sprayer or, for very large areas, a truck or trailer-mounted tank sprayer is recommended.

BENEFITS FOR THE PROJECT AND CLIENT

I can confirm that we have been using Gravel Lock CSC to stabilize sand from wind erosion over extensive areas of our earthworks site. The product has proven to be effective at controlling dust for up to 9 months, depending on the application rate. We also used it to effectively stabilize topsoil from rill erosion.

CSC is a key component of our dust control strategy on TEL and has performed well for us.

Please feel free to contact me if you have any questions.

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CSC



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