

CASE STUDY - RDC PLACEMAKERS, TRUSS & FRAME DUST SUPPRESSION

RDC – Summer Season Dust Suppression 2014-2020



PRODUCT RDC – ROAD DUST CONTROL PRODUCT

ENGINEER NOT REQUIRED

CLIENT PLACEMAKERS TRUSS AND FRAME, WIRI

CONTRACTOR GRAVEL LOCK LTD

LOCATION WIRI, AUCKLAND

WHERE SCIENCE



MEETS THE EARTH

**PROJECT- Dust Suppression at a busy Truss and Frame Yard
December 2013 – February 2020**

Large gravel yard, heavily trafficked with trucks and forklifts. The yard is approximately 20000 sqm which has loop roads within it.

The previous method of dust suppression was to use a water cart and an adapted tank for a fork lift.

Since using RDC, Placemakers has had no need to have a water cart on site and has since got rid of it.

DESIGN

2 ltrs per sqm – topically applied

Road Dust Control is simply applied with a water cart with spray nozzles that spray straight down onto the ground, eliminating over spray.

INSTALATION

A Bulk Tanker arrived at the site with 20000ltrs of RDC on board. A smaller 8000ltr spray truck was on site and the RDC was pumped to the water cart and the smaller unit proceeded to apply the RDC in multiple passes until the whole yard had been coated with 2ltrs per sqm.

This application take around 2 hours to complete.

THE PRODUCT PROVIDED THE BENEFITS TO THE PROJECT

This client has applied an annual December treatment to their yard for the past 5 years. The client sold their sweeper as it was no longer required as RDC has reduced dust to the bare minimum. The client reported that since the annual application of RDC the yard has required less maintenance and, where the trucks and forklifts have been turning, there has been less of an issue with pot holes. RDC is an Inexpensive, Instant and Non-corrosive Dust Suppression Product that has proven results.



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