

**Client:**

Emerald RC

**Main Contractor:**

Emerald RC - Duaringa

**Specialist Sub-contractors:**

SEALS Group

**Project description:**

Pavement Stabilisation 15Klm

**Location:**

Duaringa-Biloela Rd, Qld

**Date:**

February 2011

**Product:**

PolyCom Stabilising Aid

For detailed project information  
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## Project Facts

### Stabilisation of re-sheet gravel

**Problem:**

Local availability of consistent pit gravel is increasingly hard to source and most roads are being maintained with variable gravel mixes. Some of these gravels do not wear very well and have a low resistance to water, softening to a depth with rain events. The local councils maintenance crews are stretched as is there budget for ongoing repairs and maintenance.

Council management needed an economic and efficient stabilisation product to provide some longevity to the newly placed gravel and to deliver a high degree of water resistance. In addition the stabilisation product needed to be re-workable and reusable for ease of future maintenance and servicing.

**Solution:**

SEALS Group solution was to stabilise the re-sheet gravel with PolyCom stabilising aid to deliver increased strength, flexibility and a very high degree of water resistance. This stabilisation would be carried out at site utilising the council grader crew. Standard works methods for a re-sheet were followed with the addition of PolyCom treated water.

**Project Aims Achieved:**

1. Significantly improve the service life of the re-sheet gravel
2. Increase maintenance interval
3. Provide a high degree if weather immunity

Both pictures taken in Dec 2011 - 10 months after the original works. This road is in excellent condition with no visible material loss and no deformations or displacement. Project aims have been met to provide council with a more economic management strategy providing increased durability and weather immunity

