

PolyCom Stabilising Aid: One month material loss test



To measure the success of PolyCom, the Council treated one section of an existing road with PolyCom, whilst importing gravel to re-sheet an adjacent section and leaving it untreated. It then set up a 1m x 1m “loose fines sweep test” section on each of the roads, 1km apart.

Following 30 days of normal traffic use, the Council collected loose material in the two test areas. The results are dramatic (see photo below). The sample on the left is of the PolyCom-treated road where only 264g of loose material was collected. The sample on the right is of the untreated road where 8331g was collected.

The untreated road produced **31 times more loose material** than the PolyCom-treated road. Extrapolated over the life and length of the road, that's a lot of dust and material lost generated from the untreated road. Where is all this dust going?

In practical terms this means that unsealed roads treated with PolyCom will not deteriorate like those that are simply re-sheeted. PolyCom-treated roads will maintain a better surface and last longer with vastly reduced maintenance grading. Generally roads treated with PolyCom will require up to four times less grading than untreated roads.



The results of this simple test vindicates Council's decision to commence using PolyCom and achieve a sustainable road maintenance program.

* (Compiled by Earthco Projects from Information received direct from council Works Supervisor)

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