



**RoadPacker Group**

**Ionic Soil Stabilisation**



If you're interested in our range of chemical soil stabilisation products please get in touch.

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## RoadPacker Plus™ Ionic Soil Stabiliser

RoadPacker Plus™ when applied correctly to a dirt or gravel road, near eliminates costly maintenance, whilst improving pavement life and durability.

Its use as a surface stabiliser is ideal for rural communities and back roads affords significant cost savings in paved road construction. RoadPacker Plus is currently being used in applications that range from the stabilisation and waterproofing of irrigation canals in China to the paving of access roads and machinery pads for Imperial Oil in Northern Alberta (Canada).



### Increases

C.B.R  
 Compaction  
 Density  
 Durability  
 Pavement Life  
 Strength



### Reduces

P.I's  
 Dust  
 Moisture Content  
 Abrasion Loss  
 Swell  
 Maintenance  
 Shrinkage

## An Environmentally Friendly Solution

Whilst being environmentally friendly, RoadPacker Plus through ionic exchange, transforms soft-water-logged soils into a firm, waterproof and durable load bearing surface that can either be used directly for traffic or may be paved to carry anything from cars and motorcycles to articulated logging trucks.



## RoadPacker Plus™ Application

In this photo you can see a Super B logging truck driving along a stretch a road less than half an hour after treatment with RoadPacker Plus, these trucks continued along the road at a rate of 19 trucks an hour for most of the day without damaging the road.



This action is as a result of the highly compacted soil, made possible by the total exclusion of all the water molecules from the soil by RoadPacker Plus. The effect is permanent and requires little or no maintenance. Any potholes or other irregularities are easily repaired by the scarification of the problem areas and the reapplication of a small amount of the chemical to stabilise the imported soil.



# RoadPacker Plus™ Road Repair

You can see how easily a small section of damaged road is repaired, the surface is scarified, a small amount of chemical is applied and then the repaired area is compacted. The repaired area quickly adheres to the previously treated road and becomes indistinguishable from the original, leaving a smooth running surface once more.



The road is scarified to break the soil into lumps small enough to be further broken down by harrows.



Following the scarification RoadPacker Plus is then applied to the soil. The most efficient method of doing this is by spraying a diluted mixture directly onto the soil.



After treatment the chemical is mixed into the soil thoroughly by using disc harrows towed behind a tractor.



Upon completion of the mixing, compaction begins. The initial compaction is usually carried out with a pads-foot vibratory compactor.



The surface can now be left as is, giving a durable, low maintenance, cost efficient running surface or it may be covered with an asphalt covering. Either a hot asphalt or a cold mix may be applied, according to the specification and application of the job.



This gives very thorough compaction, leaving the surface very hard and completely waterproof. The surface can now be smoothed using rubber wheeled rollers.

## RoadPacker Plus™ “Cold Mix” Road

These pictures depict a finished road after “cold mix” has been applied. However the road does not need to be sealed. RoadPacker Plus treated roads offer excellent driving surfaces even when unsealed.

