

= RoadSeaLOR =

What does RoadSeaLOR do?

RoadSeaLOR is a water soluble product that is added to a water tanker and sprayed onto a compacted road-base. It soaks into the road-base to a depth of 10mm to 15mm becoming part of the road-base.

RoadSeaLOR fulfils a number of functions depending on the type of soil and road:

Non-plastic soils

(NB: For roads that are constructed with non-plastic gravel, **RoadStabiliZOR** is not the right stabilization product because it requires a plastic soil).

The main way in which such roads deteriorate over time is through loss of fines. This usually happens one of two ways

- When it is dry the fines loosen and are lost as dust
- When it is wet the fines are loosened and washed away by water

RoadSeaLOR soaks into the compacted road-base to a depth of 10mm to 15mm binding all the soil particles and locking them in. This protects against abrasion and loss of fines in dry conditions, and because **RoadSeaLOR** is water proof it also gives the same protection against water erosion and more rapid surface run-off and drainage.

Plastic soils

After stabilization and compaction with **RoadStabiliZOR**, **RoadSeaLOR** is applied to the road-base. **RoadSeaLOR** soaks into the compacted road-base to a depth of 10mm to 15mm binding all the soil particles and locking them in. This protects against abrasion and loss of fines in dry conditions, and because **RoadSeaLOR** is water proof it also gives the additional protection against water erosion and more rapid surface run-off and drainage.

Unpaved Roads (dirt or gravel roads)

In addition to providing sealing and protection against water, **RoadSeaLOR** provides a better wear surface than an unsealed road.

It has particular benefits with regard to the maintenance of high wearing sections of road such as at the bottom of a hill at which there is a tight bend or a stop. On such sections the road is subject to excessive abrasion due to braking and turning action of motor vehicle tires. **RoadSeaLOR** offers a better road surface, a better wear surface, and can easily be reapplied using a water tanker as required to maintain the integrity of the road surface in such high wear sections.

Paved roads

RoadSeaLOR has a useful function to serve in paved roads. Because it soaks into the compacted road-base to a depth of 10mm to 15mm it is an integral part of the road-base, not a separate layer on top like bitumen or asphalt.

In addition **RoadSeaLOR** provides additional protection against wear, abrasion and in particular water erosion to the shoulder of the road, protecting against the development of a sharp drop off at the edge of the road.



Edge of road drop off