

Erosionex Trafficable

ROADS - RACETRACKS - DRIVEWAYS - CONSTRUCTION SITES
DEVELOPERS - BUILDERS - RE-VEGETATION - STOCKPILES

Dust and Soil Erosion Suppressants

WITH MOISTURE HOLDING BENEFITS

*High Performance, Do-It-yourself
All-in one solution & Easy to use*

You Choose

*Long Term - Short Term - Roads - Verges -
Building and Development Sites - Stockpiles -
Embankments - Race tracks -
Soil and Road Base Compaction.*

Erosionex is a benign new age and extremely diverse restructured polymer based product, which forms a membrane around the soil particle making each particle heavier than gravity, at the same time creating an amelioration effect by acting as a substitute for the soils natural oils, allowing an ongoing absorption of moisture from the night air, then locking the moisture in to prevent evaporation - achieving soil stability.

Give your topsoil consolidation and erosion control where it can reduce aggregate surface material replacement costs by up to 80%.

Prevents dust mites and disease in animal pens and race tracks giving a firm/fast dustless surface to race on.

Features and benefits of Erosionex:

- *Trafficable:- for Roads, Driveways, Hardstands, Parking areas, Camping grounds, Race tracks and Construction sites.*
- *Can be applied Water cart-tanker, Liquid venturi and Batching systems, Mains water and Reticulation systems.*
- *Choice of long or short term application.*
- *Can be used in Commercial, Industrial, Domestic, rural and Mining sites.*
- *Is totally environmentally benign, Non-toxic and therefore is safe to use.*
- *Non-Corrosives, does not abrade pumps, Lubricates reticulation.*
- *Enables dust suppression/soil compaction related water saving of up to 80%.*
- *Reduces project management costs related to soil compaction costs from between 50 - 65%*
- *Suitable for Sports ovals, Turf race tracks, Golf tees and sand Bunkers.*
- *Long or short term stockpile management.*
- *Erosionex promotes water penetration / retention for seed germination and vegetation establishment (grass cover) whilst reducing evaporation.*

Erosionex has been used assessed and approved by the following organisations:

- *Health Department of Western Australia*
- *Waters and Rivers Western Australia.*
- *Water Corporation Western Australia.*
- *Environmental Protection Authority of Western Australia.*
- *National Registration Authority (A.C.T.)*
- *C.S.R. contamination and adhesion tests.*
- *Canning town Council.*
- *Serpentine and Harvey Dams.*
- *Shires and Councils in Western Australia*
- *Authority Clearances have been issued in circumstances for use in pristine water environment sites and Dam water & catchment faces.*
- *Many Commercial, Industrial and Coastal sites in Western Australia.*

The *Erosionex Range*

Erosionex Industrial Dust Stop

EZYMIX Trafficable *Concentrate* Liquid

ROADS - RACETRACKS - DRIVEWAYS - CONSTRUCTION SITES
DEVELOPERS - BUILDERS - RE-VEGETATION - STOCKPILES

Erosionex Industrial Dust Stop Liquid *Concentrate* is manufactured in 20 litre, 200 Litre and 1000 Litre IBC containers that can adapt Batching plants(Must be Agitated) or Venturis (No agitation) for a manual direct feed into the ingoing water line for mixing, large tankers would still require agitation.

Mix to general soil, Lime stone and Gravel on Road verges, Shale/Granite/Soil Race tracks, Development sites and Stockpiles, applied at various application rates to stabilise soil/dust over an optional requirement of 1 to 26 Weeks. Subject to Traffic & Axle weight or road base condition. See application directions below.

Erosionex RTG Farm & General

Trafficable Liquid

FARM ROADS - DRIVEWAYS - CONSTRUCTION SITES
BUILDERS - STOCKPILES

Available in 1 & 2 Litre hose snap-on **Ready to go & 4 & 20 Litre drums.**

Is ideal for driveways, Farm roads, Building Sites and Sand stock piles, dry Leaves can be prevented from blowing around, Used at a rate of 1litre to 2 litres into 3000 litres of water and apply over 1,000 square Meters by pouring in water manually or connecting to a Ready To Use Plug'n fit to hose. A second or third application may be necessary to build a portfolio in the soil, this would be subject to the previous water wash through with no oils left in the soil.

Erosionex Waterless Granule

Licensed applicators only

Development sites and re-Vegetation

4.

Erosionex Granules - is a waterless soil stabilisation system used in broad acreage, reforestation, Re-Vegetation Building and Development sites to restrict soil movement and can be activated by natural rainfall or water bombers for quick stabilisation of erosion. It can be applied by Combine seeders, hand broadcasting or seeders and spreaders for small or large areas.

 **Sports Rebound Liquid**
APPLY TO SPORTS GROUNDS, TURF RACING SURFACES,
BEACH SAND, GOLF COURSE TEES AND SAND BUNKERS.
FOR A NON-SLIP FIRM DAMP SURFACE

Application and Technical view:

All **Erosionex Liquid** Products perform better when mixed by Agitation - **Industrial Dust stop**, or connected to a water hose and applied via a Commercial Venturi, or the RTG (Ready to go) hose fitting as supplied on the 1 & 2 Litre **RTG Farm & General**

Mixing: To maintain better mixing and performance when mixing Erosionex in Water Tank/Carts that contain baffles, tanks should have individual baffle compartment bottom suction outlets and top inlets for agitation- Mixing

Soil Type: Test the characteristics of your soil type, as they do vary especially on large sites, when confronted by non-draining soils-Runoff (Hydrophobic), **Droughtex UltraSoil Breaker/Penetrator** applied prior to the **Erosionex** application at a variation rate of 1 ml to 10 mls mixed in 3 litres of water & applied to 1 square meter. This will open the soil up and allow water to penetrate and carry the **Erosionex** deep for long term benefits.

A noticeable difference in the surface texture will be seen, apart from the dust control, this treatment is also used as a compaction aid that should give you a longer road life between grading or resurfacing because of the lesser possibility of potholes.

5.

Because of the life of the treatment, there is sometimes a water saving of more than 90%, again subject to soil condition.

How *Erosionex* works; a polymer membrane ameliorates in and around the dust particle which becomes heavier than gravity.

Once the dust reappears to axel height, it is time for a further application.

Dye can be added to the application if required.

How to Mix Erosionex EZYMIX Liquids with application procedure:

Step one; Fill tank to 1/3rd capacity.

Step two; Pour in Dye mix. (If required & supplied by the purchaser)

Step three; All Erosionex liquids to be poured into the mixing tank, must enter into the tank by pouring directly on to the incoming water flow.

Step four; Agitate with both the Motor/pump & the incoming water flow until the tank is full.

Ensure that a smaller back pressure/return hose back to the tank is located prior to the main hose line shut of valve, this will eliminate the possibility of the product being sheared and broken up, resulting in a short term on the ground performance.

Step five; 1. Application can be via a tank/batter fan providing there is a regulated flow, at the given litre M2 rate.

*Hose application via a 19 mm up to 40mm Hose, this size hose with the min 5 to 6 horse power centrifugal pressure pump will able the operator to create a long range lob, like rain effect that will cover the small ridges in the soil caused by tyres, and eliminate having to spray from both angles. *Using the Tap/Valve on the hand piece, back off the pressure when spraying short range, as the force of the pressure will only disturb the soil.**

Step six; Be sure to mark off areas such as 500 to 1000 Meters Sq to give a more accurate spray, prior to commencing.

- Dye is not required but can be used.*

Note: *The initial first treatment may require 3 Litres per square meter, product dosage would then be reduced accordingly to both Liquids*

Changing the short term working face of Large & small Stock Piles:

Being non trafficable, stock piles generally have a longer life; the shape of the stock pile may change daily due to machine access, and therefore being more cost effective by using half to quarter rate of *Erosionex Industrial Dust Stop* liquid through a Tanker or sprinkler system fed from a pre mix holding tank.

Sports Rebound Liquid

Go to the UltraSoil Products Page [click here](#)

Erosionex Industrial Dust Stop

Application and Mixing Chart A guide line

**MINING & UNSEALED ROADS - RACETRACKS – DRIVEWAYS,
CONSTRUCTION SITES - DEVELOPERS - BUILDERS -
AIRPORT UNSEALED RUNWAYS - RE-VEGETATION -
STOCKPILES –GOLF BUNKERS & TEES – BOG ROADS**

Long term

40 Litres *Erosionex IDS* mixed in 3000 Litres of water and apply to 1000 m²

30 Litres *Erosionex IDS* mixed in 3000 Litres of water and apply to 1000 m²

20 Litres *Erosionex IDS* mixed in 3000 Litres of water and apply to 1000 m²

Medium to Short Term + Racetracks

15 Litres *Erosionex IDS* mixed in 3000 Litres of water and apply to 1000 m²

10 Litres *Erosionex IDS* mixed in 3000 Litres of water and apply to 1000 m²

4 Litres *Erosionex IDS* mixed in 3000 Litres of water and apply to 1000 m²

A second or third application may be necessary to build a portfolio in the soil, this would be subject to the previous water wash through with no oils left in the soil.