

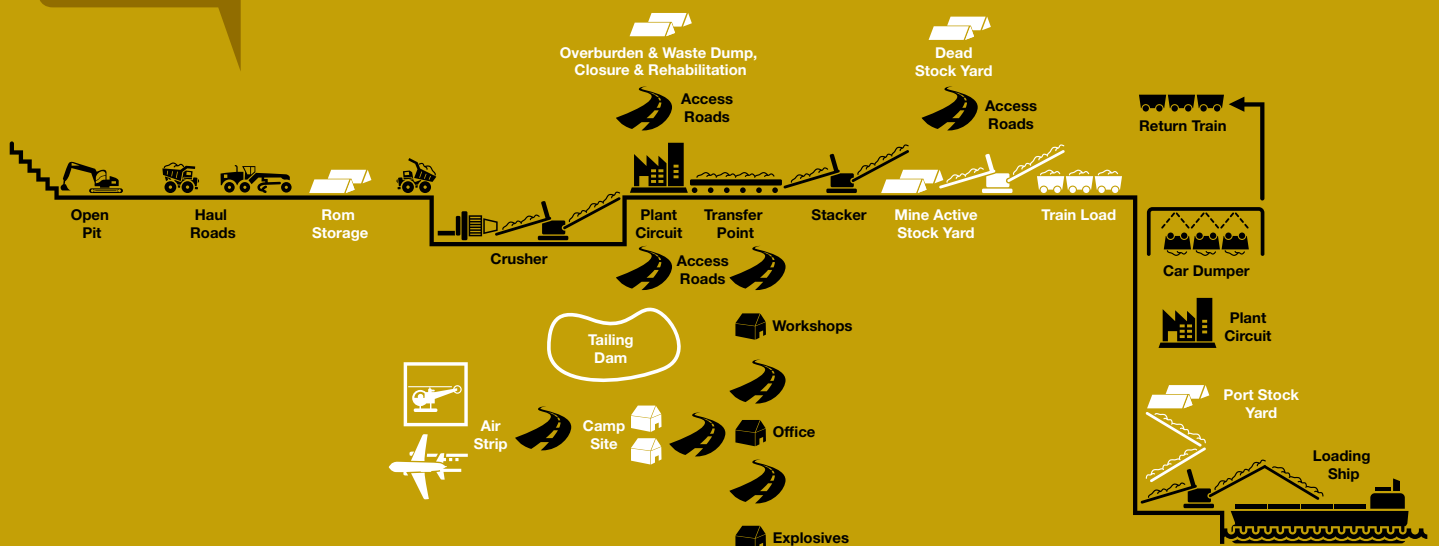


Mining Industry Solutions



Broadacre and
Stockpile
Stabilisation with
Gluon®

Gluon®



Broadacre and Stockpile Stabilisation with Gluon®

Suppression of wind blown dust • Reduced soil erosion • Easily mixed with water
Containing Stockpiles, embankments and tailings dams • Accelerated germination/revegetation
Surface coloration • Easily transported for occasional use • Easy to apply

What is Gluon®

Gluon® is a versatile waterborne polymer emulsion that can be sprayed onto soil surfaces to form a “veneer” or “crust” which is resistant to wind and allows water to pass through.

The degree of resistance can be varied depending on the concentrations of Gluon® used, and the intention of the application.

Gluon® is diluted with water and then sprayed on to the surface requiring stabilisation. The concentration of Gluon® and the volume of diluted solution required will depend on the material and the duration of protection required. Drying times will depend on the ambient temperature, wind speed and humidity. As an approximate guide-line, under Australian conditions, summer drying takes 1 to 2 hours.

Gluon® can be applied using onsite equipment such as watercarts.

Benefits of Gluon®

Depending on the situation, benefits include:

- Suppression of wind blown dust
- Reduced soil erosion
- Containing stockpiles, embankments and tailings dams
- Accelerated germination / revegetation
- Surface coloration
- Easily mixed with water
- Easily transported for occasional use
- Easy to apply with standard technologies eg. from spray hose to watercart

How Long Will it Last?

This depends on many factors such as the concentrations of Gluon® used, the characteristics of the soil surface to be treated, climate patterns, and the intention of the application.

Short term : 3 months

Long term : 12 months plus

Who uses Gluon®

In Australia our clients include:

- Iluka Resources
- Rio Tinto
- Works Infrastructure
- BHPB
- Cliffs Resources
- FMG

Application

Gluon® is used as a dust control agent in areas where airborne particles cause problems. It is used to prevent wind erosion of granular materials from stockpiles, quarry faces and open areas of sand and fine materials. Gluon® is used as a soil stabiliser during hydro-seeding and re-vegetation programs.

It is important to wash Gluon® 240 off equipment before the product dries. Because Gluon® 240 contains wetting agents, it can sometimes bypass seals on light-duty pumps such as fire-fighting pumps.

Pricing

Since it is supplied as a bulk liquid, it is priced by the litre as a delivered product, or by the square metre with full service application by Rainstorm.



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