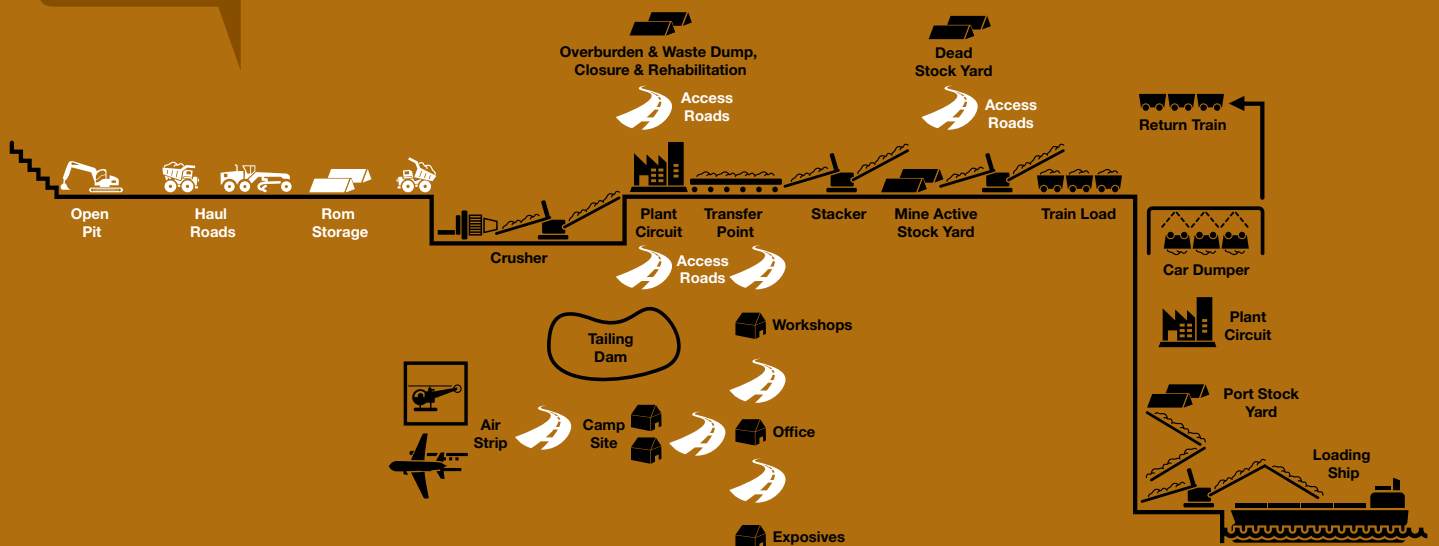




Road Pavement
Stabiliser with
Gluon® 500

Gluon® 500



Road Pavement Stabiliser with Gluon® 500

Polymag applications • Sand and road dust suppressant and stabiliser
100% Australian made • Environmentally benign • Extremely easy to apply



History

Various imported polymer emulsions have been around the soil stabilization industry for a number of years. Some have performed quite well, but their cost has made them totally unaffordable. Whereas the cheaper products (often watered-down versions of the expensive imports) just weren't up to the job. This is why Rainstorm has developed a "made-in-Australia" polymer emulsion that combines all the best features of the existing expensive imported polymers with affordability.

Description

Gluon® 500 is a white, concentrated, liquid polymer emulsion, which is infinitely soluble when delivered but is totally insoluble when cured. A water-based emulsion, Gluon® 500 mixes very readily with water that is used as a carrying agent and is then sprayed onto, or mixed into, the surface to be treated. Available in 1000

litre containers it is easily transported to distant jobsites and can often be applied with existing equipment onsite.

Application and Product Life

Gluon® 500 is very easy to apply. Water is used as a carrying agent, which conveys the product into the soil matrix. The water then evaporates and the polymer emulsion "sets" usually within a few hours leaving a wind and water resistant surface. Application can be done by hand spraying any small areas or embankments while power spraying, water trucks and specialised spraying vehicles such as dinosaurs are recommended for larger areas. For pathways and roadways the product should be incorporated into pre-moistened gravel using a rotary hoe or similar equipment.

Soil Stabilisation

Gluon® 500 provides optimum penetration and bonding when applied to fine or granular materials. Applied to the pavement materials as a soil stabiliser provides a durable water-resistant surface.

- Unsealed roads
- Truck Terminals

- Rail yards
- Mine operations
- Logging operations

Application Rates

Mixed with water binding water at ratio averaging between 1:10 and 1:15.

The target amount of Gluon® will vary depending on soil conditions and road usage.

Low volume light vehicle movement:

Apply 100 to 150 ml Gluon® per m² for every 50mm pavement depth.

Higher volume heavy vehicle movement:

Apply 150 to 200 ml Gluon® per m² for every 50mm pavement depth.



Eastern Australia

PO Box 334
LARA Vic 3212

☎ 03 5282 4024
☎ 03 5282 4029

Western Australia

106 Maddington Road
Maddington WA 6109

☎ 08 9452 0235
☎ 08 9452 3975

✉ info@rainstorm.com.au
🌐 www.rainstorm.com.au

How It Works

As an acrylic polymer, Gluon® 500 consists of extremely long molecular chains that “tangle” together with each other and with the soil matrix creating a homogenous bound surface. Gluon® 500 is produced as a water-based emulsion in order to facilitate easy handling but after application the emulsion “breaks” and the water evaporates. This leaves behind the polymer chains, which are now insoluble.

Pricing

It can be charged by litre or by the square metre and either as a delivered product or as a complete service. Contact the nearest Rainstorm office and inform them of your job’s location and size and they will quickly be able to give you a price. Discounts for large volume purchases can be discussed.

Rainstorm Dustmag® can be mixed with Gluon® to create a “Polymag” dust control product that manages the dust in the dry and sheds the water in the wet.

Refer to Rainstorm contacts for application rates.



Eastern Australia

PO Box 334
LARA Vic 3212

✆ 03 5282 4024
☎ 03 5282 4029

Western Australia

106 Maddington Road
Maddington WA 6109

✆ 08 9452 0235
☎ 08 9452 3975

✉ info@rainstorm.com.au
🌐 www.rainstorm.com.au