

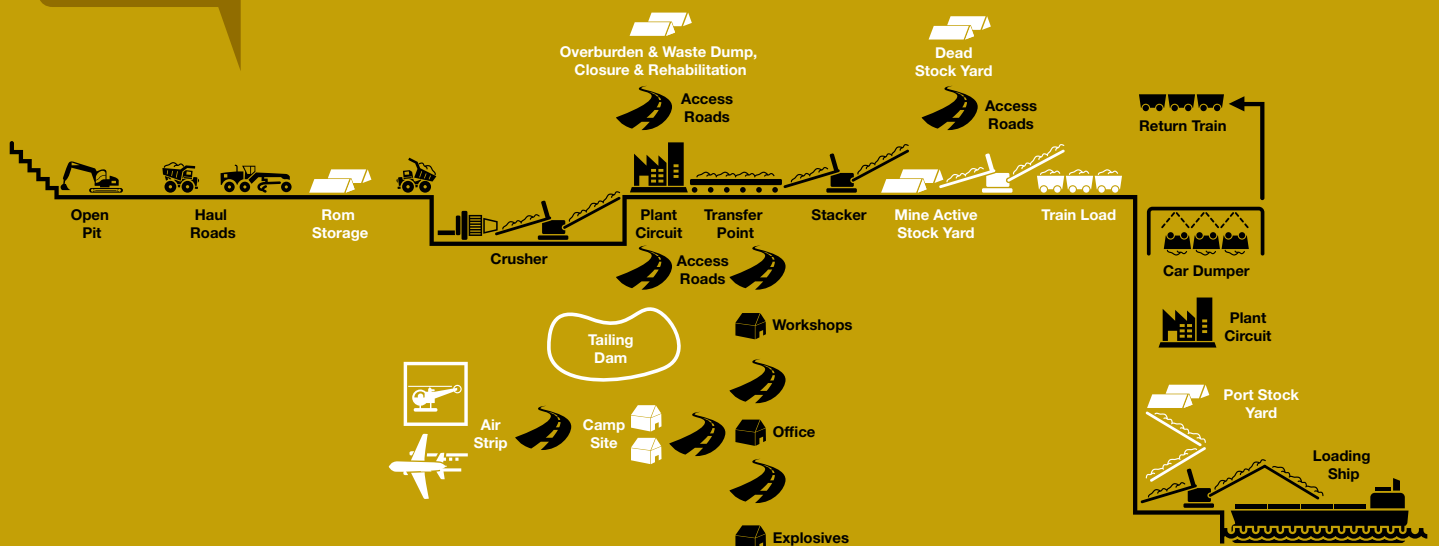


Mining Industry Solutions



Batching and
Application Rates
Gluon®

Gluon®



Batching and Application Rates with Gluon®

These guidelines are the intellectual property of Rainstorm Dust Control.



Gluon® target application rates		
	ml per m ²	L / per ha 10,000m ²
Long Term to 12 months	100	1000
Medium Term to 3 months	70	700
Short term to 1 month	40	400

NOTE: To achieve these rates, Gluon® **MUST** be mixed with water.

Water Rates

Litres per m² will vary between application trucks and site conditions.

Variables on water flow will be determined by the truck's plumbing, the pump speed, the nozzle outlet size, and the operator.

To estimate the total output the truck flow rate must be calibrated.

1. Load truck with water to a known volume of water, or full tank, to determine capacity.
2. Spray water on area in a dummy application run and measure area.
3. This will set the speed and batch rates of water and Gluon / m².

Tip: You can use a light dye to mark calibration run or peg area for accurate measuring.

The objective is to spray paint or feather on the Gluon® water batch to completely cover the application area with the least amount of water. Two passes with a lighter coat is better than one.

Lighter coats layered on the area surface with high concentration of Gluon® to form effective veneer. **Fig 1**

Treated areas that are rough and have uneven surface should be applied with two passes from different angles, to ensure shadows in divots have been veneered.

Effective Gluon® Veneered surface should have a darker appearance and slight shine as in foreground of photo below. Dye colour can be added to Gluon® water batch to highlight treated areas (refer dye procedure). **Fig 2**

Image Guide to Application



Do Not Over Water

On flat ground high water rates will wash the Gluon® down into soil from the surface area reducing the veneer concentration on the surface.

On stockpiles with high angle of repose high water rates will cause run off and wastage. **Fig 3**

Turn off all irrigation sprinklers after the Gluon® application! Whilst Gluon® will not be damaged by rain events allowing water to pass through, irrigation water can cause surface damage to veneer crust. **Fig 4**

Truck Batching

Gluon® will freely mix with water.

Where possible, bottom fill tank with water, then Gluon®, then Dye (if applicable) using inlet pipework.

Filling with overhead water supply can cause foaming and overflow may occur. Fill with water first, adding the Gluon® and Dye after reaching correct water level.

Flush pump with water into truck or empty 1000 L IBC for later use.

To minimize spills use hoses with a gate

valve on fill end. Close hose before removing from truck.

Gluon® Batch

Remove lid from top of IBC before starting pump. Replace lid after pumping gluon to water cart.

Note: Leaving Gluon® lid open to air will cause film to form on top of Gluon®. This film may lead to spray nozzle or pump failure.

If you require any further assistance please contact Rainstorm.

Image Guide to Application

Fig 3



Fig 4



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