RainStorm
The Dust Control Professionals

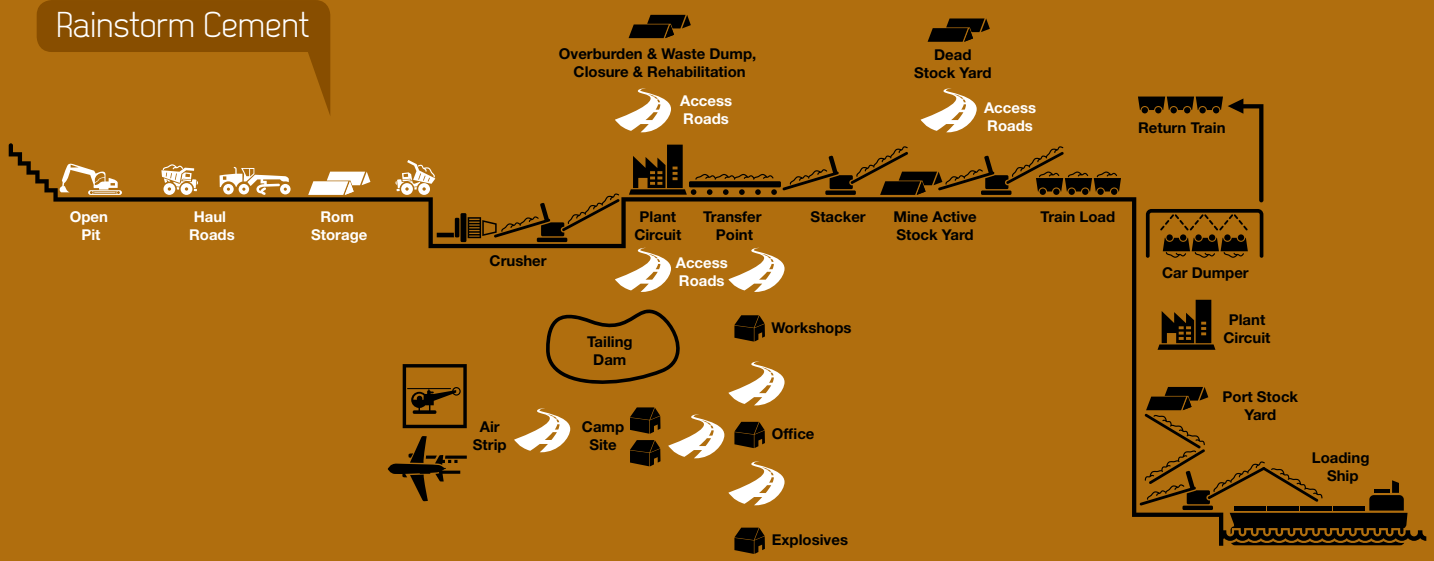


Mining Industry Solutions

Roads and Trafficable Areas

Cement Data Sheet
RSC
(Rainstorm Cement)

Rainstorm Cement



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Cement Data Sheet

RSC (Rainstorm Cement)

Applied to pavement material by Rainstorm specialist equipment • Binds talinings residue contanimates • Haul road and heavy equipment hard stand stabiliser

RSC (Rainstorm Cement)

Has been developed by Rainstorm WA as an alternative high performance binder with improved resistance to flexural strain and aggressive environments.

Rainstorm Soil Cement

Combined with soil has many superior properties compared to Portland cement. Bonds very well to a variety of inorganic and organic aggregates. Compatible with salt effected soils. Does not require wet curing, good resistance to abrasion. High transverse and crushing strengths.

Controls Dust

Binds mine tailings residue materials, to control dust. RSC unsealed road surface provide a dust free pavement.

Binds Salt, Sand and Clay Materials

Unlike Portland cement RSC binds to organic and inorganic aggregates. This action prevents salt crystal growth limiting damage from salt crystal formations on bitumen seals.

Applications

- Roads"
  Haul roads
  Unsealed access roads.
  Shoulder stabilization.
  Dust control.
- Airstrips
- Holding yards and Heavy Haulage depots
- Road Shoulders and Floodway Structures. RSC has the capacity to be used as an alternative to conventional cementitious binders, which may require specialised equipment for application and finishing. It has the unique property of "High Salt Resistance"

All properties of RSC may be modified to suit individual site requirements. Above RSC properties based on data obtained from previous test results.

Durability and Strength

The ultimate strength, water resistance, chemical resistance and flexibility of RSC is directly related to the mixing, compaction and finishing processes. Rainstorm Pty Limited offers a technical advice service for individual applications.

Curing

RSC hardens by the continued reaction of the component materials. The purpose of curing is to minimise moisture transfer from the mortar or blended material and to enable the satisfactory reaction of the binder to proceed to give strength and durability properties.

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