

MINING SOLUTIONS

**THIS CHANGES
EVERYTHING**



WE GUARANTEE TO REDUCE COSTS

WE GUARANTEE TO REDUCE WATER USE

WE GUARANTEE TO REDUCE CO² EMISSIONS

IMPROVED COST PER TONNE

IMPROVED SAFETY

**SOIL SOLUTIONS PROVIDES
VALUE ENGINEERED SOLUTIONSTM
TO THE MINING INDUSTRY**

- BUILDING AND MAINTAINING MINE HAUL ROADS
- MINE TAILINGS TREATMENTS
- CONSTRUCTION & SEALING OF RUNWAYS
- DUST CONTROL FOR MINE PIT ROADS
- UNDERGROUND DUST CONTROL
- DUST CONTROL AT ACTIVE POINTS
- REHABILITATION

INTERNATIONAL



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SOIL STABILIZATION • DUST CONTROL • EROSION CONTROL
SOIL&DUST
SOLUTIONS

MINE HAUL ROADS



UNSEALED



SEALED



BENEFITS

- INCREASED VISIBILITY
- LOWER PRODUCTION COST PER TONNE
- REDUCED ROAD MAINTENANCE
- DECREASED WATER USAGE
- REDUCED FUEL CONSUMPTION
- REDUCED ENVIRONMENTAL IMPACT AND CO2 EMISSIONS
- ELIMINATION OF DUST (PM10 AND PM2.5 COMPLIANT)
- INCREASED OVERALL OPERATING EFFICIENCIES
- INCREASED WORK CYCLE EFFICIENCY

DUST CONTROL IS NO LONGER A DAILY REQUIREMENT.

1 APPLICATION = 1 YEAR *

DETAILED COST & BENEFIT ANALYSIS

REDUCE CAPITAL EXPENDITURE | REDUCE OPERATIONAL COSTS | IMPROVE OPERATIONAL EFFICIENCIES | IMPROVE PRODUCTION

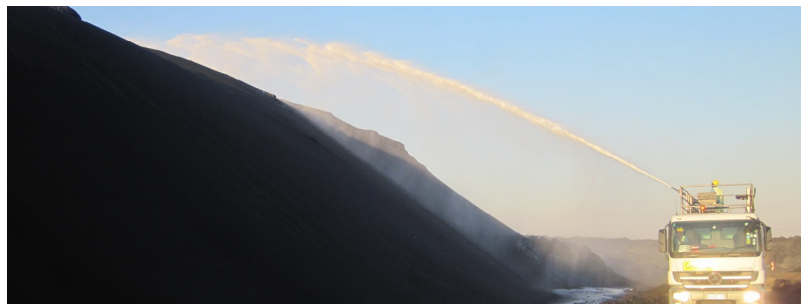
*SWEEPING AND SPOT MAINTENANCE REQUIRED.

MINE TAILINGS

COMMUNITY UPLIFTMENT ADD ON AVAILABLE

BENEFITS

- CREATES AN INVISIBLE CRUST THAT STOPS EROSION
- HIGHLY EFFECTIVE LONG TERM DUST CONTROL
- NO FENCES OR CLOTHS NEEDED
- ENVIRONMENTALLY SAFE
- EASY TO APPLY
- EFFECTIVE ON ALL SOIL/MATERIAL TYPES



DUST CONTROL IS NO LONGER A DAILY PROBLEM

1 APPLICATION

= 10 YEARS*

DECREASED LIABILITY | ENVIRONMENTAL COMPLIANCE | REDUCED EFFECT ON NEIGHBOURING COMMUNITIES | DECREASED ENVIRONMENTAL IMPACT

MINE AIRSTRIPS



WHETHER IT IS DECREASING THE INITIAL CONSTRUCTION COSTS OF AN AIRSTRIP OR PROTECTING THE INVESTMENT ALREADY MADE WITH AN EBS SURFACE SEAL SOIL SOLUTIONS WILL DELIVER SUSTAINABLE SOLUTIONS FOR ANY AIRSTRIP OR RUNWAY ANYWHERE.



BENEFITS

- PROTECTION OF INVESTMENT
- INCREASED VISIBILITY
- A SEALED WATER RESISTANT SURFACE WITH ONE APPLICATION.
- REDUCED CONSTRUCTION & MAINTENANCE COSTS
- INCREASED SAFETY
- REDUCED AIRCRAFT MAINTENANCE

A LOW COST SOLUTION FOR SPECIFIC PROJECTS IN CHALLENGING LOCATIONS OR WITH SUBSTANDARD MATERIAL IS AVAILABLE.

DUST CONTROL FOR MINING PIT ROADS

DUST CONTROL ON MINING PIT ROADS IS A CHALLENGING SITUATION — EXCESSIVE AMOUNTS OF DUST ARE GENERATED, TRACKED VEHICLES ARE IN USE, AND WHERE SAFETY IS A PRIORITY.

- WATERLESS DUST CONTROL SOLUTION
- EASY TO APPLY
- APPLICATION RATES THAT ARE ADAPTABLE TO BUDGETS
- RE-WORKABLE AND MOVEABLE
- CAN BE APPLIED IN HIGH TEMPERATURES AS WELL AS FREEZING TEMPERATURES



DURASOLUTION WILL:

- BE APPLIED NEAT — REQUIRING NO DILUTION
- PROVIDE CONSTANT DUST CONTROL
- REDUCE WATER USE
- REDUCE ENVIRONMENTAL IMPACT
- IMPROVE SAFETY & VISIBILITY



UNDERGROUND DUST CONTROL

UNDERGROUND DUST CONTROL TREATMENTS FOR THE MINING INDUSTRY.

SUSTAINABLE SOLUTION
= REDUCED WATER USE



EFFECTIVE UNDERGROUND DUST CONTROL WITH DURASOLUTION

- DURASOLUTION IS A WETTING AGENT — THAT WILL CONTINUALLY KEEP THE UNDERGROUND ROAD AND THE SIDES OF TUNNELS TREATED FOR EFFECTIVE DUST CONTROL
- DURASOLUTION IS ODOURLESS, COLOURLESS, NON-SLIPPERY, AND PM 2.5 AND PM10 COMPLIANT
- DURASOLUTION IS **APPLIED NEAT, NO DILUTION IS REQUIRED.** IN KEEPING WITH THE ROLE OF SUSTAINABILITY

DUST CONTROL AT ACTIVE POINTS

PROVIDES EFFECTIVE SOLUTIONS FOR MANAGING AND MITIGATING SURFACE & AIRBORNE DUST AT ACTIVE POINTS

BENEFITS

- DUST AND ODOUR SUPPRESSION
- LARGE COVERAGE AREA
- PORTABLE
- REDUCED OPERATING COSTS
- ENVIRONMENTALLY FRIENDLY
- USE LESS WATER
- EASY TO USE AND MAINTAIN
- HANDLES MULTIPLE APPLICATION
- IMPROVES WORKING CONDITIONS
- REDUCED LIABILITY



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