

## CoverAll™

### Erosion and sediment control berms and blankets for construction and mine sites

CoverAll™ products are designed for use in large scale sediment and erosion control applications such as mining, housing developments and large earthworks projects.

CoverAll™ is ideal for earthworks and construction activities that disturb soils and create dust and debris. Run-off from construction sites often flows into street gutters and then through drains to creeks or channels ending in rivers, bays or the ocean, leading to possible fines and penalties.

CoverAll™ helps manage, stormwater run-off that carries soil particles, sediment, dissolved plant nutrients, organic matter and waste, which can block council drains, silt up waterways and harm wildlife.

#### Description and Application

- CoverAll™ has been specifically engineered to maximise the reduction of sediments migration and erosion on sites.
- CoverAll™ is available in light or dark (matured) shades for aesthetics.
- Contains a range of fine and coarse particles to improve long term stabilisation of the site.
- Apply evenly to the surface avoiding contact with plant stems and tree trunks.
- Recommended depth is 75mm to 100mm.



Light CoverAll™



Dark CoverAll™

#### CoverAll™ Benefits

- Reduced water usage
- Dust and weed suppression
- Erosion control/bank stabilisation
- Reduced plant mortalities
- Reduced fertiliser cost
- Accumulation of valuable soil/humus bank for future use
- Protection against regulatory fines and penalties



Epic Mines CoverAll™ application,  
NSW - Australia

## Reactive Filter Amendment™

For incorporation into existing soils accepting run-off

Reactive Filter Amendment™ is designed to be incorporated into existing or imported soils in open space, recreational or grassed areas receiving or generating contaminated run-off.

Once incorporated, Reactive Filter Amendment™ physically, chemically and biologically treats pollutants while promoting healthier plant growth which in turn provides additional treatment benefits. Reactive Filter Amendment™ development is based on over ten years of research with universities and research centres.

### Reactive Filter Amendment™ Benefits



- Protects soils from rain and wind erosive action
- Run-off and erosion control
- Improves soil structure and fertility
- Improves water infiltration and retention
- Improves root penetration and turf establishment
- Increases plant growth
- Helps meet legal requirements and avoid fines

### Reactive Filter Amendment™ Performance

Analysis shows that Reactive Filter Amendment™ can remove high percentages of common heavy metals and other pollutants.

Average removal rates RFA materials								
Mg mg/L	Ca mg/L	K mg/L	Al mg/L	Cu mg/L	Cr mg/L	Pb mg/L	Fe mg/L	Mn mg/L
92%	92%	83%	68%	59%	65%	60%	74%	32%

Source: Tom Farrell Institute 2012



Central Coast mine site soon after RFA™ application,  
NSW - Australia



Delta Lake Munmorah post RFA™ application,  
NSW - Australia

### STAR Water Solut on Head Office

Suite 703 Walker Street, North Sydney, NSW 2060

Phone: +61 29460 2722 | Fax: +61 2 9929 2252

info@starwater.com.au | www.starwater.com.au