



# Eco Armour

Erosion Control Blanket



Created for  
superior erosion  
& dust control

1300 182 182  
erizon.com.au



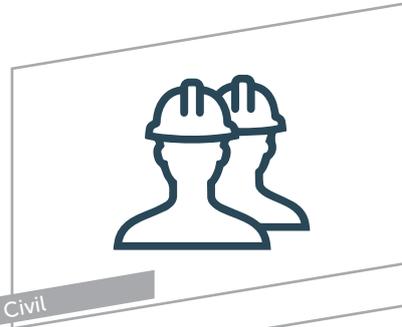
# A better alternative

As our preferred erosion control product, Eco Armour is a ground-breaking, Australian designed and manufactured solution that allows for safe and effective installation on all surfaces. Eco Armour is a synthetic erosion control blanket that has been designed to be sprayed through high-pressure HydroTruck equipment. Once sprayed, it dries and sets in a matter of hours, providing extended high-shear resistant erosion control.

A blend of minerals, interlocking fibres and specialty binders form Eco Armour's durable, non-flammable crust. The specialty binders adhere to and incorporate themselves into the substrate below, forming a tough, resilient cover that is also flexible enough to bind and move with the ground below it, eliminating any cracking of the coating. For aesthetic purposes, a colouring agent may be added to the Eco Armour blend, achieving colours varying from grey, brown, red and green to blend in with the surrounding environment.



## Industries



# Benefits of Using EcoArmour



**Safe and Easy Application**  
Through HydroTruck equipment, eliminating installation safety risks



**Immediate Erosion Control**  
Dries within 3-5 hours subject to ambient temperature, lasting in excess of 20 years



**Weather Proof**  
EcoArmour's non-flammable crust holds the substrate underneath in place, eliminating erosion caused by rain and wind



**Tailored Colour**  
A colouring agent can be added to achieve a tailored colour upon application



**Stability**  
The proprietary blend of minerals, interlocking fibres and specialty binders makes EcoArmour suitable for even the steepest slopes



**Durability**  
With twice the abrasion resistance of other erosion control blankets, EcoArmour is UV and chemical resistant exhibiting solid weathering performance



**Flexibility**  
EcoArmour's flexible membrane contours to the substrate below, binding and moving with it, eliminating cracking



**Rapid Installation**  
Can be applied up to 10 times faster than traditional erosion control blankets, reducing overall project time and costs



**Australia Designed**  
All components of EcoArmour are proudly designed and manufactured right here in Australia



## compliance

EcoArmour meets or exceeds all relevant transport and main roads specifications, including:

### MRSW52

Erosion and sediment control

### 20601P

Geobinders; referring to non-toxic materials and substances sprayed onto soils to prevent erosion.

### 20605P

Erosion control blanket; referring to products put in place to reduce the impact of raindrop and low-velocity flow.

Before...





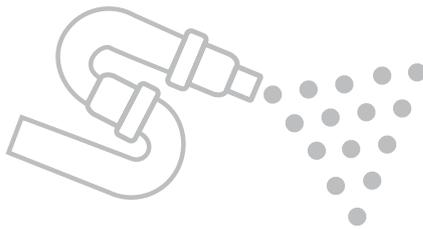
...After



## Common applications of EcoArmour

1. Slopes & Batters
2. Tailings Dams
3. Mounds & Stockpiles
4. Swales & Drains
5. Levee Stabilisation
6. Bund & Culvert Lining

## Application

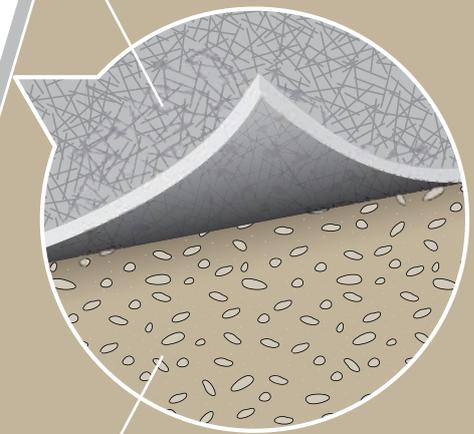


EcoArmour is a highly effective technique for the stabilisation of batters and is a superior alternative for quicker and safer installation than conventional erosion control blankets such as Jute Mesh, Concrete Matting, Geosynthetic Cementitious Composite Mat (GCCM), Geotextiles, Geosynthetics, Posi-Shell and Shotcrete.

With the ability to be applied quickly and easily, EcoArmour is pneumatically projected at high velocity utilising specialist HydroTruck equipment, meaning that application takes days, not weeks. EcoArmour dries quickly, with the ability to withstand moderate rain events after 3 hours.

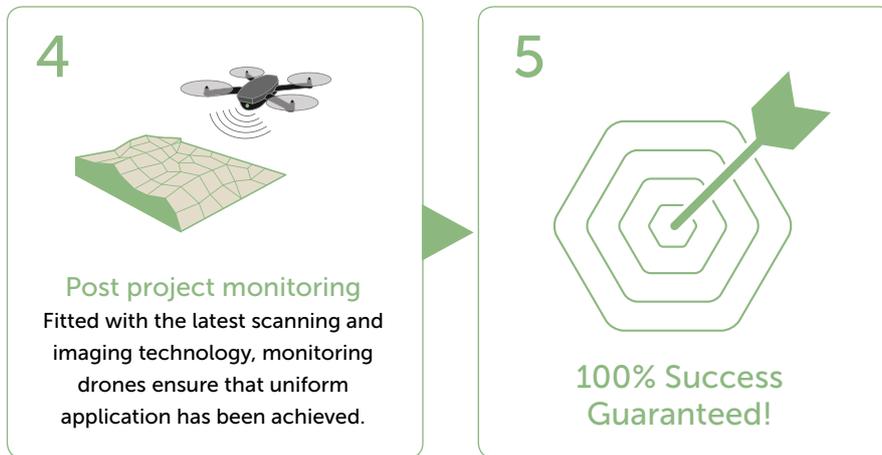
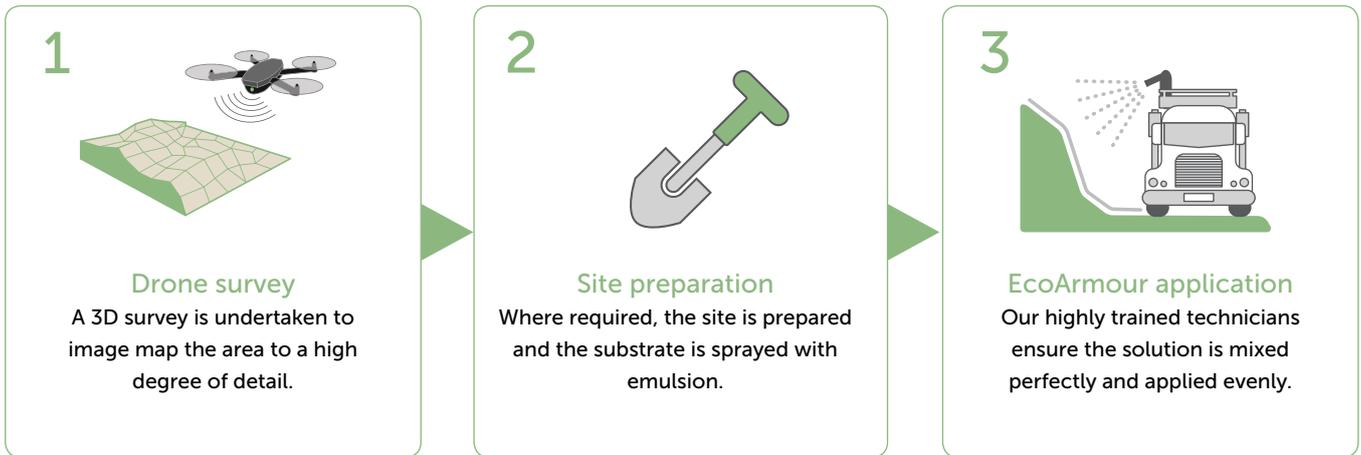
EcoArmour's advanced technology means that it will stabilise surfaces for up to 20 years, making it the ideal erosion control and stabilisation product for vertical walls, roadside batters, steep slopes, drains, and all substrates including compacted clay, rock, sand, sandy loam, dispersive soils, and any soils that are extremely difficult to manage and access.

EcoArmour forms a hydrophobic fibre matrix to allow for strength and flexibility



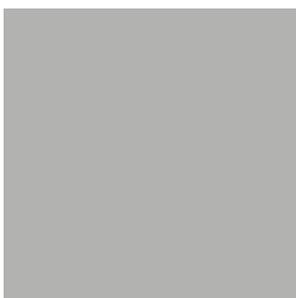
The substrate requires minimal preparation

# Process



# Colour options

EcoArmour may be coloured grey, brown, green or a custom colour to suit the surrounding environment.



Formulated to meet the highest standards of environmental efficiency



# 100% Success Rate Guaranteed



## ***SUPPLY***

Our products and services are backed by the expertise and consultation of our specialist team of Australia's leading agronomists, horticulturalists and soil scientists. We have extensively tested EcoArmour's performance in some of the most depleted and degraded soils in Australia which is why we are confident that you will achieve project success the first time around.



## ***APPLY***

Feel confident that you are hiring knowledge and expertise. Our highly trained technicians utilise our specialist equipment to apply product with precision and accuracy, meeting Australian Safety, Environmental and Quality standards.



## ***GUARANTEE***

Access qualified advice from our specialists about how we can guarantee outstanding results on your next project when our products are supplied and applied onsite by our expert team.



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