

# Suppress X<sup>®</sup>

Dust Suppression & Erosion Control

Engineered for  
non-trafficked  
areas



A product by



Australian Environmental Solutions



# ENGINEERED FOR NON TRAFFICKED AREAS

## Introducing SuppressX®

A unique emulsion of microscopic cross-linked, superabsorbent polymers forms the basis of SuppressX®'s unmatched ability to provide immediate dust suppression and erosion control results, outperforming all other solutions in the market.

Perfect for non-trafficked areas, the ultra-low concentration of SuppressX® makes it the ideal performance product for mining, civil and infrastructure industries. It has been developed with ease of mind as a priority, is highly effective, environmentally friendly, and increasingly cost-effective over time.

SuppressX® is suitable for all forms of tailings and minerals, ash dams, stockpiles, and substrates. The water-soluble polymers penetrate the substrate below, forming an interconnected flexible crust, binding to the fine particles and granules to eliminate dust. Using robust polymer-based products, SuppressX® forms a stable layer of bonded material, resistant to the erosive forces of wind and rain.



- Suitable for all forms of exposed stockpiles, substrates, and tailings dams
- Forms a strong, durable and flexible crust
- Eliminates dust lift-off after a single application
- Resistant to heavy rain events
- Extremely cost-effective
- Non-toxic and environmentally friendly

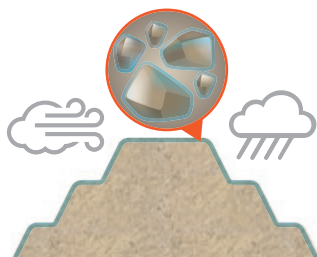


## Application

SuppressX® is designed specifically for the harsh conditions of the Australian mining, civil and infrastructure industries. The product, which comes in a convenient liquid form, is diluted with water and sprayed directly onto the exposed surface, ultimately providing superior dust suppression and erosion control.

While translucent in appearance, a blue or green dye can be added to the mix to ensure an accurate and uniform application. Extremely versatile and easy to handle, SuppressX® can be applied utilising HydroRig equipment.

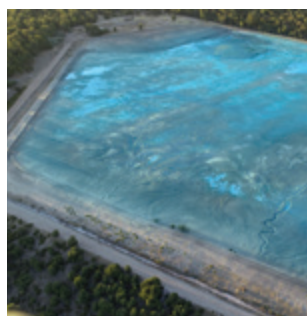
## How SuppressX® works



SuppressX® creates a protective skin barrier over the substrate below. The ultra-low concentration of SuppressX® ensures that optimum dust suppression is achieved without changing the overall composition of the soil and aggregate below.



Before



After

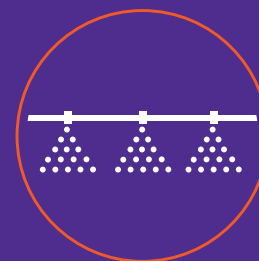
### 4 Common Application Methods

Our specialist equipment enables coverage of over 50,000 square metres per day, significantly reducing project time and costs, as well as accelerating the reduction of dust.



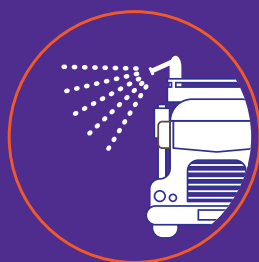
#### Hose

Hoses and pumps provide an additional range of 150 metres and can safely cover steep and inaccessible slopes, as well as delicate and tight spaces with the addition of extended hose reels.



#### Spray Bar

Perfect for application to flat areas, utilising a spray bar attached to HydroRig equipment or existing site water carts and tankers is the most economical way to apply SuppressX®.



#### Cannon

Hydraulic, truck-mounted cannons are used to efficiently apply the product from a distance of over 100 meters. Where required, dual cannons can be used to apply the product from both sides of the spray zone simultaneously.



#### Aerial

Fixed-wing plane or helicopter is a practical application method when trying to target isolated and challenging to reach areas. Aerial application is suited to tailings storage facilities (TSF) and ash dams where vehicle access is limited.

SuppressX<sup>®</sup> is formulated to meet the highest standards of environmental efficiency



Scan me



# 100% Success Rate Guaranteed



## SUPPLY

Our products and services are supported by the expertise and consultation of our specialist team of agronomists, horticulturalists and soil scientists. SuppressX<sup>®</sup> is made with the highest quality materials which are extensively tested for safety and performance on some of the most depleted and degraded soils in Australia. We are confident you will achieve project success first time.



## APPLY

Our highly trained technicians utilise specialist equipment to apply products with precision and accuracy, meeting Australian Safety, Environmental and Quality standards. Surpassing this, our ability to use drone technology for the application of solutions improves the quality and efficiency of our operations. Each project comes with a tailored Quality Management Plan and an Inspection & Test Plan (ITP) to identify and record project specifications and requirements.



## GUARANTEE

Our scientifically developed solutions and expert application methods enable us to deliver an end-to-end solution which makes this guarantee possible. Each project solution is tailored for specific site requirements and longevity targets, which require a tailored guarantee to ensure success for your project.



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