



# DST

## Dust Suppression Additive



Dust suppression additives can be used in the process of water-based dust suppression, alongside misting equipment and dust cannons. Once applied to the affected area - DST creates a deep-penetrating crust that traps dust underneath. Once treatment is completed, the area can withstand heavy traffic/movement for up to 28 days with little dust impact.

'DST' uses industry tested bio-degradable polymer-based components, the DST range includes:

**DST Road Pro**  
Designed for use in heavy traffic areas such as construction sites and quarries. Creates a highly resistant and waterproof seal.

**DST Stockpile**  
Creates a film that is designed to cover surfaces such as embankments. Protects the area without altering the constitution of the stock the DST is protecting.

### APPLICATIONS

- Haulage roads & tracks
- Stockpiles
- Construction areas
- Mining & Iron ore
- Coal & Coke
- Road embankments

### RECOMMENDED EQUIPMENT

|   |  |
|---|--|
| <b>Stockpile</b>  | <b>Road Pro</b>  |
| <ul style="list-style-type: none"><li>• Dust Cannons</li><li>• Rotary Atomiser PRO</li><li>• Quattro 4-in-1</li></ul> | <ul style="list-style-type: none"><li>• Quattro 4-in-1</li><li>• Road-Go Dust Suppression (Spreader Plate)</li></ul> |

### FEATURES & BENEFITS

- Penetrates area to ensure core layer is treated and remains effective 6-8inches/15-20cm's under surface
- Creates a crust on top of dusty areas to stop clouding
- Keeps dust in place - even with heavy movement
- Lasts for up to 28 days without re-application
- Waterproof and effective even after rainfall
- Wind-resistant and ideal for areas affected by wind

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### TECHNICAL SPECIFICATION

DST is provided as a liquid concentrate, it is then added to potable water and applied using misting equipment. For full detail please request MSDS.

Shelf life: up to 6 months

Storage: Store in cool, dry conditions (between 5-30°C)

Packaging: DST is available in a 25kg drum, 200kg drum or a 1000kg IBC container

Air Spectrum Environmental operates to the highest standards and is accredited by a number of professional bodies. These include ISO 9001 quality standards accreditation as well as international environmental standard ISO 14001 accreditation.



# dst

dust  
suppressant

### APPLICATION INSTRUCTIONS

DST is applied by mixing with water and spraying directly on to the affected area. Using the correct dosage, DST will form a highly resistant, elastic crust. The crust will resist truck loads and will remain elastic and hard without producing any dust for up to 28 days. The waterproof crust remains effective even if it gets wet - for example if it rains.

#### Road Pro

Road Pro requires 2 applications. Round 1 - amount applied: 2 litres per m<sup>2</sup>. The total mix is 15% DST to 85% water - 1.7l of water and 0.30l of DST.

Round 2 (no less than 24hrs after - no movement on land between applications) - amount applied: 2 litres per m<sup>2</sup>. The total mix is 10% DST to 90% water - 1.8l of water and 0.20l of DST.

#### Stockpile

2 litres per m<sup>2</sup>. The total mix is 5% DST to 95% water - 1.9l of water and 0.10l of DST.