

## Dust Control and Suppression

### ECOBOND DC50

Works with dust so you don't have to  
 ECOBOND DC50 Dust Control Solution is a robust, liquid polymer that provides an exceptional surface coating solution on nearly all soil and resource surfaces. Independently performed testing confirms successful suppression of up to 95% of dust particles.

Designed specifically for the conditions of the civil and mining sectors, ECOBOND DC50 can be applied using existing site water trucks, tankers, or sprinklers. After spraying, the dust generated from the surface is practically eliminated for up to 2 months. Mixed with water, ECOBOND DC50 is sprayed onto surfaces, where it soaks in and creates a stable, tough, durable layer resistant to traffic wear, wind erosion, rainfall impact, and pedestrians. We've got dust covered

Left untreated, dust from unsealed roads, hardstands, cleared sites, and large soil or mineral stockpiles can have a considerable impact on the environment and the quality of life for local communities. ECOBOND DC50 prevents loss of materials whilst in storage or transport. For resources such as coal, the problem of dusting can be mitigated for as little as INR 3-5 cents per MTon – with no impact on calorific values.

ECOBOND will work with you to devise a full dust mitigation strategy to meet the challenges facing your project or business operation. We can also provide ongoing dust monitoring services to ensure the most cost effective protection over the life of your project.

#### Benefits:

- Eliminates the need for continual watering and grading to manage dust - saving fuel, machine and man hours, and water.
- Ideal for seasonal and short term applications
- Easy application through existing water trucks - just add water
- Robust product characteristics allow it to be applied across a diverse range of industries
- Immediate cost benefits compared to continually watering
- Long term cost benefits from reduced windborne material loss
- Improved health and safety on site - better visibility and reduced dust related respiratory risks
- Environmental protection – ECOBOND DC50 is non-toxic, has a low carbon footprint and reduces the damage caused by fugitive dust

#### Applications

The key areas of use for ECOBOND DC50 include:

- Roads – Suppresses dust on unsealed roads – plus provides benefits in terms of ride ability and decreased maintenance costs.
- Hardstands, Yards, and Cleared Sites – mitigates the impact of dust on worker safety and condition of plant and equipment.
- Stockpiles – Stops generation of airborne dust and product loss in stockpile or during transport.
- Environmental Management – Mitigate the impact of dust on surrounding environment and on communities.