

Agriculture Land, Resource and Site Management

ECOBOND AR ORE LOK

Control stockpiles dusting and Cover ore loads

ECOBOND AR ORE LOK is a robust, liquid polymer that provides an exceptional surface coating/crusting solution on all ore and material surface types.

Designed specifically for the tough conditions of the resources sector, ECOBOND AR ORE LOK can be applied directly to raw materials using existing or specially designed spray-bar systems or simply by conventional water cart.

Incorporated with water, ECOBOND AR ORE LOK locks fine particles together, encapsulating and demobilising fugitive dust. Importantly, the solution does not alter the burning properties of coal or quality of your products, by targeting and mitigating only dust.

Left uncovered, dust from conveyors, large mineral stockpiles or pulverised minerals in transit can have a considerable impact on the environment and the quality of life for local communities. Used as a liquid trapping agent, ECOBOND AR ORE LOK prevents the loss of materials whilst in storage or transport.

TECHNOKOTES will work with you to devise a site-specific dust mitigation strategy to meet the challenges facing your project. We can also provide ongoing dust monitoring services to ensure the most cost effective protection over the life of your project.

Benefits

Compared to conventional processes, ECOBOND AR ORE LOK offers:

- Easy Application, through existing or bespoke systems
- Flexible Protection across wet, dry and extreme climates
- Robust production characteristics allow it to be applied across a diverse range of industries
- Cost benefits from reducing wind-borne material loss
- Environmental protection – ECOBOND AR ORE LOK is non-toxic, has a low carbon footprint and reduces the damage caused by fugitive dust.

Applications

The key areas of use for ECOBOND AR ORE LOK include:

- Safety Management – Workers and surrounding land-users are protected from harmful effects from wind-borne particles such as black lung.
- Liquid trapping – Prevents airborne dust from materials stockpiles
- Sealing – Controls dust on conveyor systems and rail cars
- Environmental Management – Mitigate the impact of dust on surrounding environment and on people