

Erosion and Sedimentation Control

ECOBOND ES NATURE LOK

A specially formulated liquid polymer combined with a highly effective source of phosphorus and nitrogen to increase germination and strike rate, ECOBOND ES NATURE LOK is a key solution for all re-vegetation needs. ECOBOND ES NATURE LOK is engineered for use in civil construction and Mine site rehabilitation.

The spray over polymer will provide the following essential elements to any construction site:

- It will allow initial soil stabilization to prevent impact erosion caused by rainfall and sediment loss through sheet erosion from water runoff over land flow.
- It will reduce topsoil loss immediately helping to retain a higher growth rate for germination of initial strike seed species and secondary longer term seed species.
- It will protect batters and initial exposed areas against, impact erosion, sheet erosion and sediment loss into the surrounding sensitive environments providing potential greater environmental outcomes and cost savings to any project

Benefits

- Immediately effective upon application—bonds directly to soil
- Accelerate Germination
- Reduces impact erosion, Sheet Erosion, Topsoil loss and sediment into surrounding environmental sensitive areas.
- Cost effective when compared to hydro-mulching and hydro-seeding re-vegetation
- Minimizes wash away of seed – Retains 40% more seed than most other products
- Aids fertilizer retention around root zone
- More available fertilizer for plant uptake
- Suited for open areas, batters rehabilitation areas
- Environmentally Friendly

Applications

Applied over exposed areas and batters, ECOBOND ES NATURE LOK will lock the seed in place creating ideal growing conditions by retaining moisture levels in the soil and providing the nutrients needed for germination. The Nitrogen in the ECOBOND ES NATURE LOK product is found in the optimal ammonium form, which allows for a more stable environment resulting in a reduced leaching of Nitrogen. The unique form of phosphorus will greatly increase the growing conditions in the soil. The combination is further improved with organic catalysts to provide even distribution throughout the soil and plant uptake area

Note:

1 pass application – 9 key benefits

ECOBOND ES NATURE LOK contains our biocatalyst technology (a special blend of surfactants, penetrants and organic acids) that allows for greater penetration, mobility and increased uptake of the nutrients by the plant.

ECOBOND ES NATURE LOK is an ideal product for all re-vegetation programs to give excellent boosts to growth, root development, colour and overall plant health.