

GreenBit™

PERMANENT SOLUTION FOR PRIMARY HAULAGE ROADS

The Smarter, Greener Road Solution

GreenBit was developed for permanent mining and rural roads, delivering a smooth, durable, dust-free surface that drastically reduces the need for ongoing maintenance.

Easy to Apply, Big on Savings

Water-soluble and simple to apply, **GreenBit** enhances tyre grip, improves rolling resistance, and minimizes the need for constant grading and watering; helping you save water, fuel, and costs.

Naturally Strong, Environmentally Friendly

Formulated with 60% all-natural wood-derived binders and blended with I-CAT's anionic emulsified bitumen, **GreenBit** is significantly safer for the environment than conventional alternatives.

Proven Performance, Trusted Application

Extensively tested and successfully applied across public, agricultural, and mine haulage roads, **GreenBit** creates a stable wearing course with a smooth, long-lasting finish.

An I-CAT Exclusive

Produced at our facilities in Rayton (Gauteng) and Postmasburg (Northern Cape), **GreenBit** is exclusively available from I-CAT. **Beware of inferior imitations!**

BENEFITS

- ☛ Prodigious water saving
- ☛ Removes the need for constant grading and watering
- ☛ Dust free road surfaces
- ☛ Improves grip and rolling resistance
- ☛ Reduces road maintenance cost
- ☛ Environmentally safe
- ☛ Water soluble, easily applied





Mine Entrance Road
Before Treatment



Mine Entrance Road
After Treatment



Mine Entrance Road
After Treatment



ECO SUSTAINABLE PRODUCT

100% Environmentally Friendly

60% - 70% ALL
NATURAL INGREDIENTS

The Greener Standard for Haulage Roads

GreenBit is the industry-leading bitumen-based dust palliative, engineered specifically for primary haulage roads. Developed as a smarter, greener alternative to SS60, it delivers exceptional durability while reducing environmental impact.

Sustainable Innovation

Formulated with a patented natural binding agent, emulsified bitumen, and natural polymers, **GreenBit** contains 60% all-natural binders; giving it a negative carbon footprint and making it far safer than traditional chemical products.

Custom-Formulated for Every Site

Every road environment is different. That's why **GreenBit** is custom-formulated to suit each client's climate, soil composition, traffic load, and budget.

Proven Performance

Extensively tested and applied on public, mining, and residential roads, **GreenBit** delivers a stable, smooth, dust-free surface while reducing the need for constant maintenance.

Smarter Roads. Cleaner Air. Lower Costs.

With its blend of innovation and sustainability, **GreenBit** is the ultimate solution for road establishment and dust suppression on both primary and secondary haulage roads.

APPLICATIONS

- 🚚 **GreenBit** is diluted with water into a water bowser and applied as a surface spray.
- 🚚 The dilution ratio is site specific and depends on variables i.e. climate, traffic, soil type, etc.
- 🚚 The application frequency is also site-specific but usually not more than once in a 24-hour cycle.
- 🚚 **GreenBit** can also be used as a subbase stabiliser and blended into the wearing course during road construction. It produces a solid and strong subbase prior to road surface maintenance and dust suppression.
- 🚚 **GreenBit** is effective and results in significant cost savings when compared to spraying water as dust suppressant, while improving mine production and safety.

