



**CYPHER  
ENVIRONMENTAL**

“Always do what's right.”

# UNSTABLE AND DUSTY AIRSTRIPS?



**BETTER ROADS. BETTER BOTTOM LINE. BETTER PLANET.**

## LOOSE GRAVEL + HIGH GRADING FREQUENCY = HIGHER COST.

Unpaved runways and airstrips create ongoing operational challenges - especially in remote and northern environments.

Loose gravel (FOD) damages aircraft propellers and fuselage.

Airborne dust reduces visibility and safety, and increases aircraft maintenance costs.

Frequent grading, watering, and maintenance increase costs.

Soft surfaces lead to landing gear breakdown and challenges.

For many **operators** and **airport managers**, these challenges result in **significant maintenance cost, equipment wear, and operational risk year after year.**

## RUNWAY STABILIZATION AND DUST CONTROL FOR AVIATION

DUST/BLOKR<sup>®</sup> is a high-performance, non-toxic solution engineered for unpaved aviation surfaces.

DUST/BLOKR<sup>®</sup> strengthens the surface by binding fines and loose aggregate to:



### REDUCE FOD

(Foreign Object Debris)  
for operators



### EXTEND AIRSTRIP LIFE

and performance for airport owners



### STABILIZE GRAVEL SURFACES



### ELIMINATE AIRBORNE DUST

Unlike traditional methods, DUST/BLOKR<sup>®</sup> delivers **long-lasting results without introducing corrosive or harmful materials.**

## PERFORMANCE WITHOUT THE TRADE-OFFS

DUST/BLOKR<sup>®</sup> delivers measurable performance while reducing environmental impact.



### OPERATIONAL PERFORMANCE

- Reduces FOD by binding loose gravel and fines
- Improves runway stabilization (higher CBR)
- Performs in wet conditions without becoming slippery



### COST & EFFICIENCY

- Reduces grading, watering, and aggregate replacement
- Shipped in concentrated form, reducing logistics costs and carbon footprint
- Reduces aircraft wear and component damage



### EASE OF APPLICATION

- Applied using standard equipment
- No specialized spray systems or pumps required
- Treated materials can be driven on instantly

# COMPLIANCE & AVIATION SAFETY



## PROVEN SAFE FOR AIRCRAFT OPERATIONS

### BOEING STANDARD COMPLIANCE

**DUST/BLOKR**® conforms to Boeing Specification D6-17487 (BSS7432) and is verified as non-corrosive to aircraft materials, ensuring safe use on and around active runways.

### TRANSPORT CANADA COMPLIANCE

**DUST/BLOKR**® meets the requirements of Transport Canada Advisory Circular 300-004 (Section 8.3) for non-corrosivity, making it suitable for use at airports and aerodromes across Canada.



### EPA SAFER CHOICE CERTIFICATION

**DUST/BLOKR**® is EPA Safer Choice certified, verifying that it is non-toxic and environmentally responsible, and safe for use in sensitive environments without compromising performance.



# MADE IN CANADA. BUILT FOR PERFORMANCE.

Cypher Environmental is proud to deliver **Canadian-made solutions** designed for some of the world's most demanding environments.

- Developed & manufactured in Canada
- Proven in remote, industrial, and heavy-use applications
- Trusted across projects in 50+ countries worldwide

When performance matters, operators choose solutions built for reliability - not reapplication.

## PROVEN RESULTS

**90%+**

REDUCTION IN AIRBORNE DUST

**300%+**

INCREASE IN CBR (MATERIAL STRENGTH)



## AVIATION APPLICATIONS



**AIRSTRIPS**



**TARMACS**



**HELIPADS**



**SERVICE ROADS**

## REAL-WORLD RESULTS

“Since using DUST/BLOKR®, we’ve had no dust issues and are very satisfied with its long-lasting performance.”

Airfield Maintenance Supervisor,  
Aéroports de Montréal

## CYPHER GREEN ROADS™

### SUPPORTING COMMUNITIES AROUND AVIATION PROJECTS

Unpaved runways and access roads often impact nearby communities through **dust, safety, and infrastructure challenges**.

Through **Cypher Green Roads™**, qualifying projects contribute up to **5% of project value in product and technical support** to improve unpaved local roads and community infrastructure.

- Reduces dust in surrounding communities,
- Improves local infrastructure and access,
- Supports ESG and community engagement goals.

#### Award-Winning Impact:

**Cypher Green Roads™** won the 2024 award for **Canada’s Clean50 Top Project** in partnership with **B2Gold**, gaining recognition for measurable environmental and community impact.

#### Learn more:

[Cypher Green Roads - Canada’s Clean50 Top Project](#)

[Cypher Green Roads - B2Gold Project](#)

**LOWER COSTS.**  
**SAFER OPERATIONS.**  
**BETTER AIRSTRIPS.**

## CONTACT

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