SOIL SEMENT®

Defies the sun.
Beats the dust.
Cuts costs.

A REVOLUTIONARY SOLUTION FOR DUST CONTROL IN QUARRIES AND ON CONSTRUCTION SITE ROADS.

Green Ways presents **SOIL SEMENT®** – a revolutionary approach to dust control, capable of **reducing daily water-spraying operations by up to 90%**. Thanks to our powerful yet ultra-light **Super Dilution Technology™**, **just 60 liters of SOIL SEMENT® are needed for every 15,000-liter water load**. The result: effective dust suppression, improved road conditions, and a dramatic reduction in operating costs – **all without changing the customer's existing workflows**.

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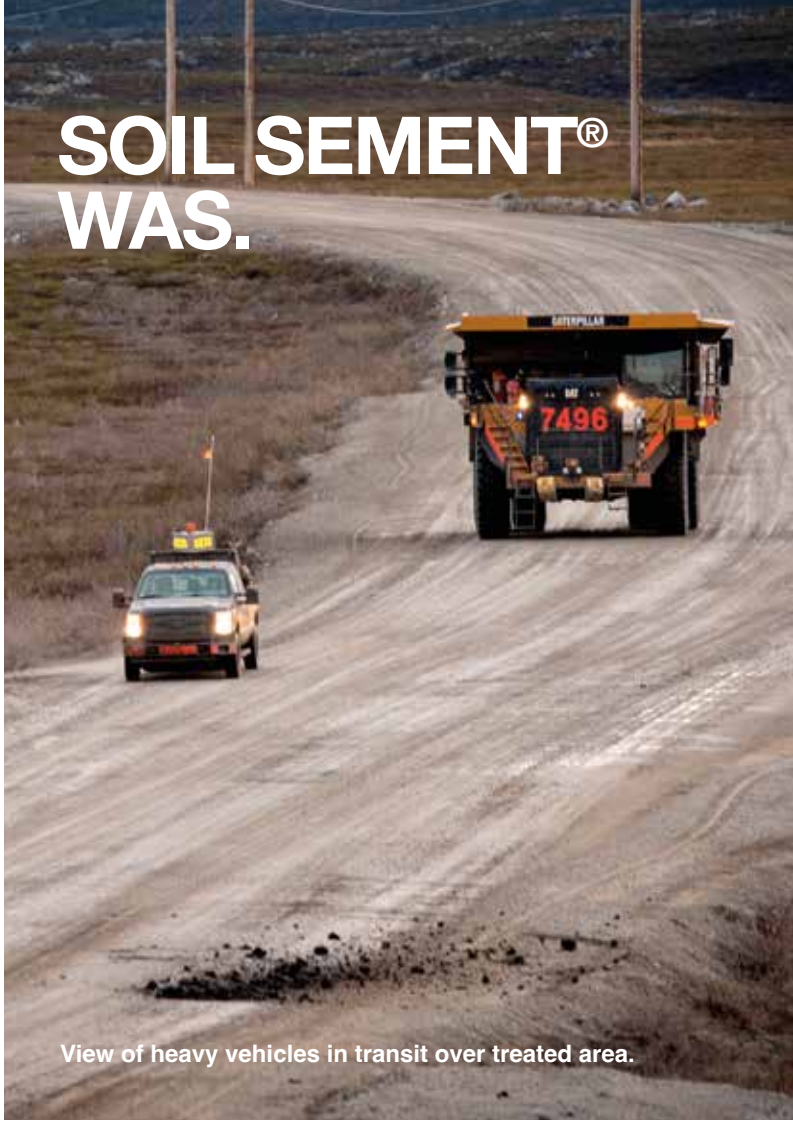
SOIL SEMENT®: KEY BENEFITS

A proprietary dust control system that combines a proven, eco-friendly ZERO VOC emulsion with a **high dilution ratio (1:250)**, reducing watering frequency and road surface wear while improving overall performance.

- Uses only 0.4% product by volume
- Reduces pure water applications, labor, and diesel costs by up to 90%
- Maintains consistent dust control
- Prevents road degradation caused by excessive watering

View of heavy vehicles in transit over untreated area.



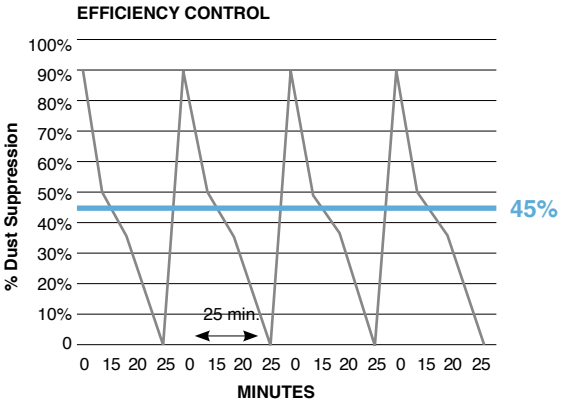
View of heavy vehicles in transit over treated area.

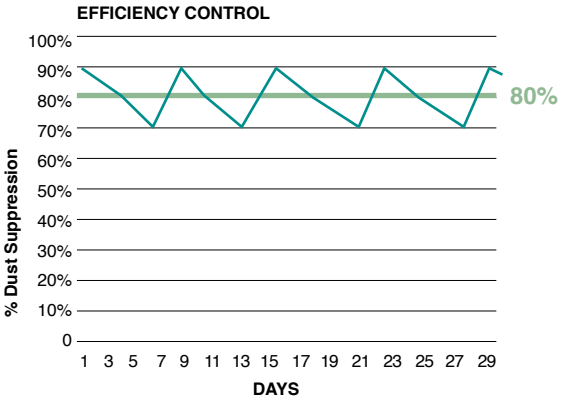
APPLICATION USING ONLY WATER

- Requires multiple daily loads, especially on high-traffic roads
- Washes away fine materials, causing potholes, ruts, rough surfaces, and truck damage
- High fuel consumption, labor demands, and equipment wear
- Creates mud formation

SOIL SEMENT® APPLICATION:

- Eliminates 80% of water-only applications
- Maintains 80–90% dust control effectiveness
- Preserves fine road materials, reducing pothole and mud formation
- Reduces costs, water and diesel consumption, labor, and equipment wear
- Also applicable on asphalt surfaces





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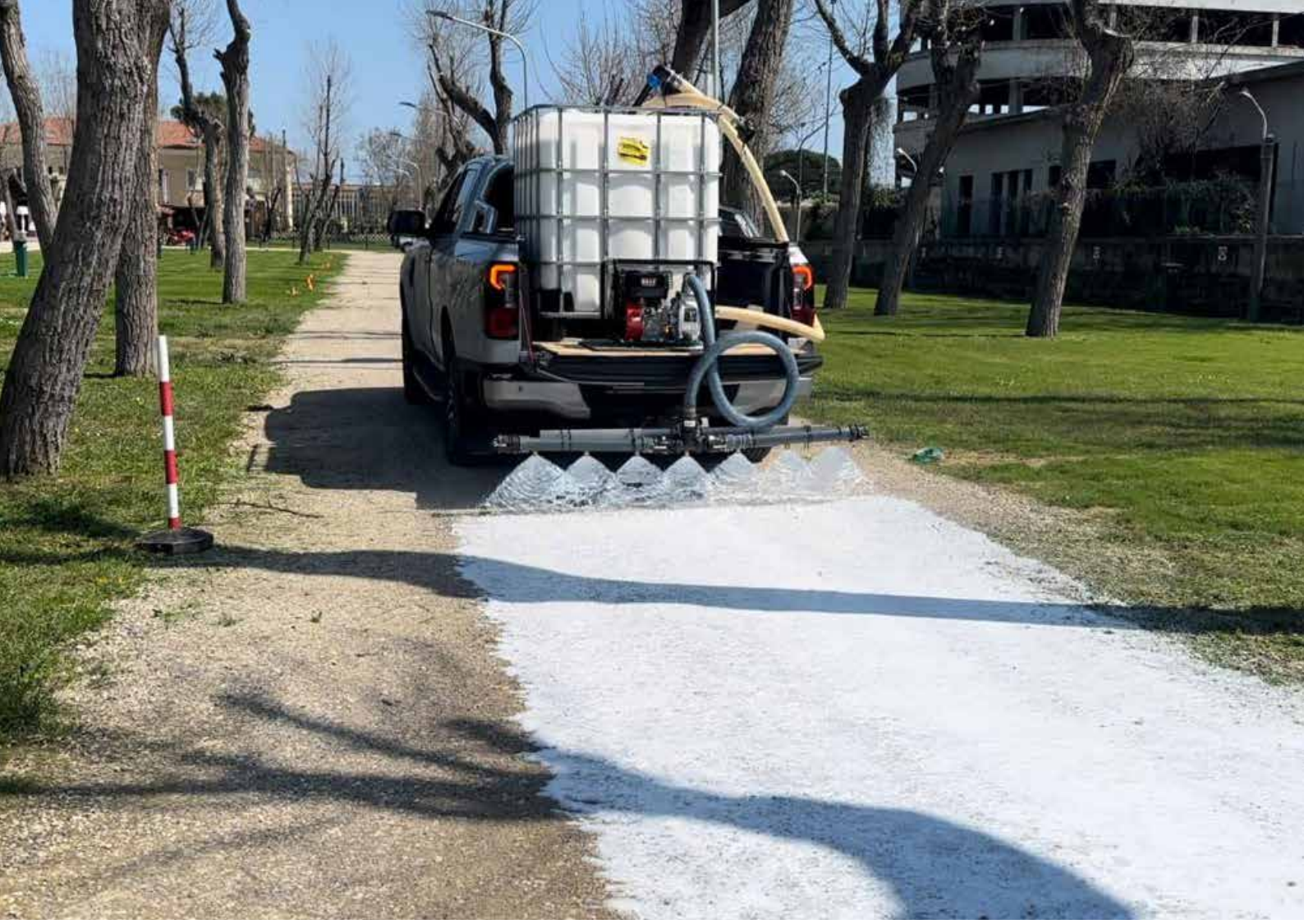

COMPARISON: WATER-ONLY APPLICATION VS SOIL SEMENT®

FEATURE	WATER ONLY	SOIL SEMENT®
Loads per Day	8–10	2–3
Dust Control Consistency	40–60%	80–90%
Water Consumption	Very High	Reduced by 80–90%
Road Conditions	Damages the surface	Preserves and stabilizes
Integration Complexity	Only existing process	Seamless integration
Environmental Impact	High water consumption	Significant water savings

CASE STUDY
Dust Control in an Aggregate Quarry

TEST DURATION:
6 WEEKS

80% reduction in water-only spraying

Over 90% dust control

Stable application at 250:1 dilution ratio

- Initial application: approx. 4 liters per 100 m²
- Maintenance: approx. 4 liters per 900 m²

TECHNICAL SPECIFICATIONS

Product Type:
Water-compatible chemical dust suppressant

Dilution Ratio: 250:1

Performance Onset: 2–3 weeks

Maintenance Schedule: Weeks 3–52

Application: Compatible with all standard water trucks equipped with pump and spray bar for even distribution

Storage: Store below 38°C (100°F) for optimal performance

ENGINEERED TO BE SIMPLE — AND POWERFULLY EFFECTIVE.

SOIL SEMENT® is designed to integrate seamlessly into existing workflows — no complications:

No changes required for truck operators: just spray and go

No disruption to daily operations

Minimal training needed

Fast and easy setup and integration

Other Dust Control Products:

Envirokleen®
SolidPave®

ECO-FRIENDLY DUST SUPPRESSION SOLUTIONS

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