

# ULTRABIND DUST

DUST SUPPRESSION SOLUTION



SUSTAINABILITY



COLLABORATION



INNOVATION



QUALITY

# ULTRABIND DUST



## ULTRABIND DUST CONTROL AND MORE

Introducing a simple, cost-effective, and environmentally friendly road treatment solution that revolutionizes dust control and road stabilization. Unlike salt-based alternatives, it poses no risk of corrosion or harm to surrounding vegetation, ensuring a sustainable approach to road maintenance. By enhancing the tensile strength of roads, it not only extends their lifespan but also minimizes sediment runoff into waterways, safeguarding aquatic ecosystems. This innovative product offers excellent coverage and can be easily added to water with agitation, allowing for efficient application. It provides long-lasting benefits while reducing operational and maintenance costs. Furthermore, its unique formulation enables rain or watering to rejuvenate its effectiveness without dilution or washout, significantly reducing water usage by up to 90%.

## PREPARATION OF SOLUTION

A simple ratio of 1KG into 1m<sup>3</sup> of water is used to make a general application solution. Prepare to recirculate water in your tank. While filling the tank with water, slowly pour Ultrabind Dust into the tank. Recirculate continuously for 20 mins then the solution is ready to apply.

Kilograms	Area m <sup>2</sup>
15	4,000 - 4,800 m <sup>2</sup>

### SOIL TESTING IS REQUIRED TO MATCH CHEMISTRY

## APPLICATION

### Road Surface

1. Using a grader move off 2" of surface material.
2. Apply by spray-bar enough solution to the point just before puddling.
3. Bring 1" of material back onto road surface
4. Repeat steps 2 & 3.
5. During prolonged dry periods product can be reactivated with water only.

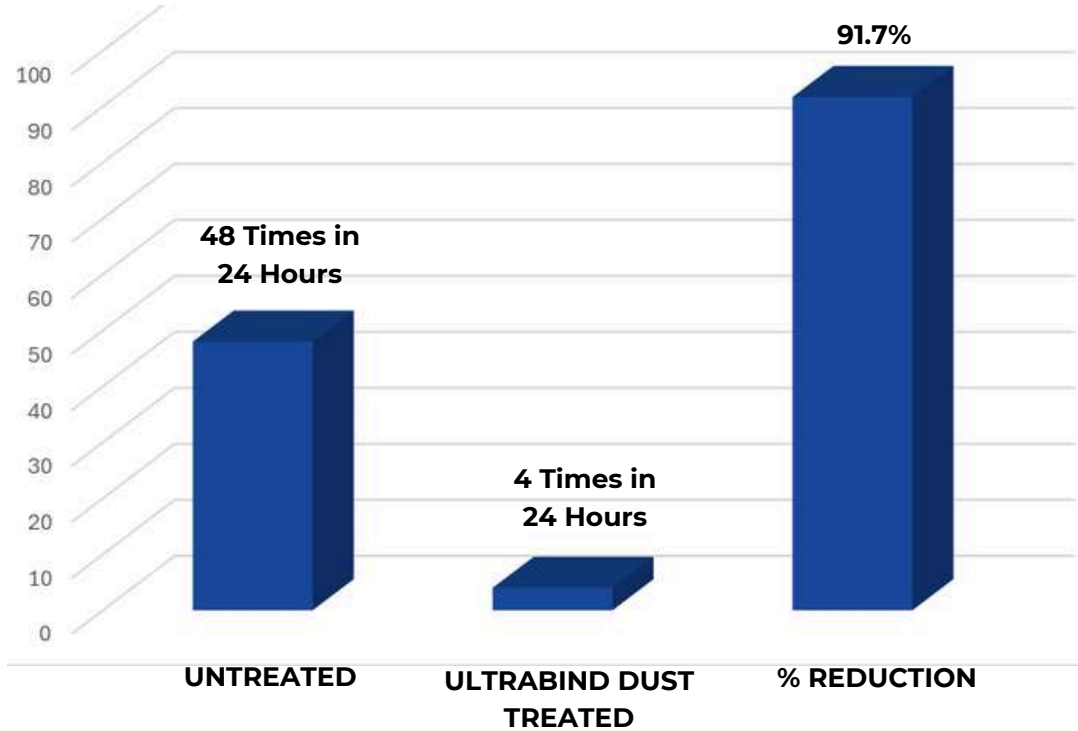
Ultrabind Dust may also be used during road building to add strength to base materials.



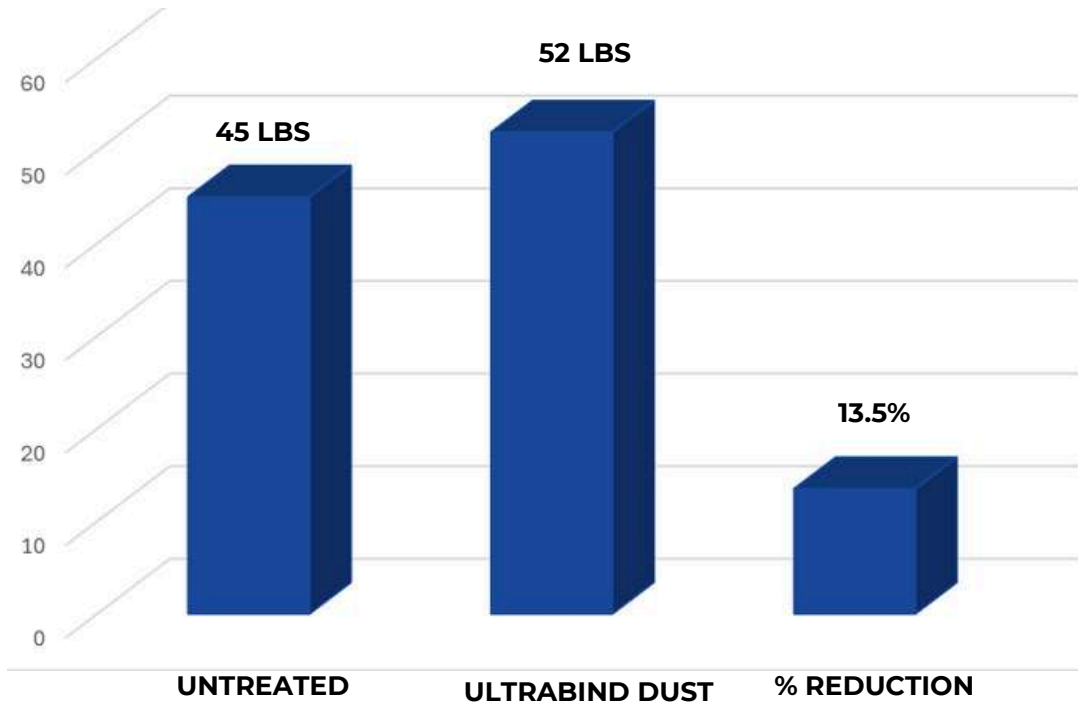
# WATER USAGE AND STRENGTH



## WATERING BASED ON 24 HOUR OPERATION AFTER TREATMENT (DATA COLLECTED FROM ACTUAL HIGH TRAFFIC MINE HAUL ROAD)



## STRENGTH OF ROAD SURFACE DERIVED FROM STRESS TEST (DATA COLLECTED FROM ACTUAL HIGH TRAFFIC MINE HAUL ROAD)



# WHO WE ARE



## DEDICATED TO SUSTAINABILITY

Clearflow Group Inc. is a team of engineers, chemists, and water specialists dedicated to environmental sustainability. We manufacture and hold patents on a diverse line of unique, innovative, and site-specific answers to your soil and water challenges. After nearly two decades of rigorous scientific testing, hundreds of field applications, and numerous long-term clients, Clearflow has a proven track record of assisting our clients while protecting the environment.

The Clearflow suite of products:

- Gel Flocculants
- Pond Dewatering
- Water Polishing
- Seeding and Erosion Control
- Slurry Management

The Clearflow products are ideal for:

- Mining
- Municipal Stormwater
- Heavy Construction
- Industry
- Agriculture

## SOCIAL COMMITMENT

Our partnerships with Indigenous communities are founded on the conviction that doing so will benefit Indigenous people, their companies, and community organizations.

In order to support our partners' communities, we have collaborated with them on a number of fronts. We seek to make a positive, long-lasting influence in the places where we work and live, whether it be through working together on industry training, taking part in community activities, or investing in educational programs. We are continuously guided by our shared commitment to social and environmental sustainability.



Environmental Research Internships for  
Indigenous Students



Kya Jackson-Leclair



# THE CLEAR CHOICE. CLEAR VALUES.

- Design effectively simple systems, products and processes that can be used successfully with minimal technical know-how.
- Utilize our unique products and holistic approach for the best comprehensive solution.
- Minimize costs to the client by integrating with existing infrastructure wherever possible.
- Provide a low carbon product.
- Offer clients outstanding service with **CREDIBILITY** and **INTEGRITY**.



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Manufactured by:



# CLEARFLOW

Group Inc.

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