

Global Leaders in Gel Flocculant Technology

# ULTRABIND SOIL

EROSION CONTROL SOLUTIONS



**CLEARFLOW**  
Group Inc.

Nature-Inspired. Science-Driven. Future-Focused.



SUSTAINABILITY



COLLABORATION



INNOVATION



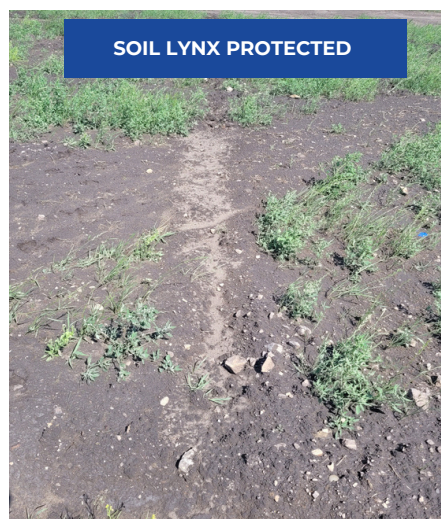
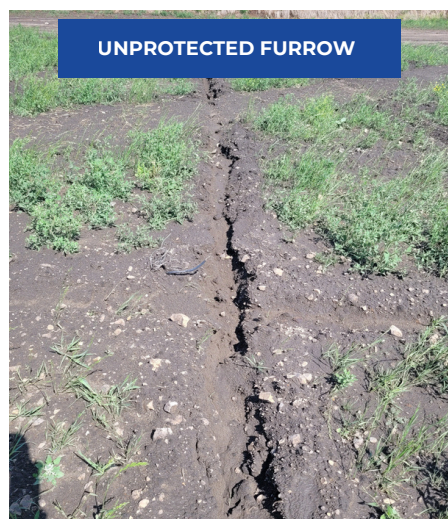
QUALITY

# ULTRABIND SOIL



## INTRODUCTION

Ultrabind, an eco-friendly stabilizer that seamlessly bonds with soil, safeguarding surfaces against erosion caused by wind and water. This innovative solution ensures that sunlight, heat, and moisture easily penetrates the soil, creating optimal conditions for germination. With Ultrabind, you can retain up to 25% more moisture, securing seeds and soil in place, fostering enhanced growth. By incorporating Ultrabind with Clearflow's natural leno weave Treated Jute, you can virtually eliminate rills and washouts. Strategically placed in vulnerable areas such as ditches and crowns, this powerful combination provides soft armor and seed microsites. Say goodbye to the hassle of return visits for warranty work—Ultrabind and Clearflow have got you covered, saving both time and money.



## APPLICATION RATES

Soil Stabilization	Kilograms	Flat 4:1 Slope	3:1 to 1:1 Slope
Re-Vegetation	15	9,000 m <sup>2</sup>	4,500 m <sup>2</sup>
	500	30 ha	15 ha
Other Uses	Product Kg	Water Req'd	Special note
Hydroseeding	7.5 kg	11 m <sup>3</sup>	Replaces Mulch
Spoil Pile	7.5 kg	11 m <sup>3</sup>	Replaces Mulch

## BENEFITS

- Easy application. Mix directly with seed.
- Improved growth rate, adds Carbon and Nitrogen
- Enhanced moisture retention
- Soil stabilization, cleaner sheet flow
- Replaces up to 75% of mulch when hydro-seeding
- Low shipping, handling and storage costs.
- 30% greater porosity vs. tackifiers.





# ULTRABIND SOIL



## INDEPENDENT EVALUATION

Performed by Dr. Jerry Pepin, Pickseed, Oregon



**KENTUCKY BLUE GRASS  
UNTREATED CONTROL**



**ULTRABIND TREATED  
KENTUCKY BLUE GRASS**



**PERENNIAL RYE  
UNTREATED CONTROL**



**ULTRABIND TREATED  
PERENNIAL RYE**



# 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:



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