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CONWED FIBERS®

## Conwed Fibers® Hydro Mulch® 1000 with TriFlo™ Wood Fiber

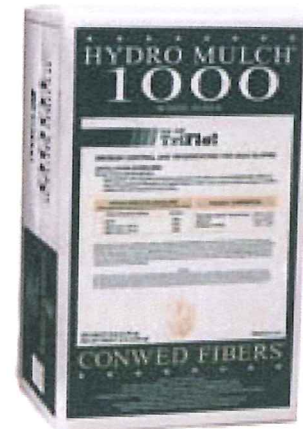
**Now with TriFlo™! — makes the best hydraulic mulch even better!**

- Improves moisture retention
- Improves the suspension of mulch, seed and fertilizer within the slurry and prevents the dewatering of the fiber mulch
- Improves the application of hydraulic mulch in a more uniform layer for better coverage and enhanced product performance
- Improves application efficiency by increasing shooting distance and enhancing hose performance—greatly reducing downtime associated with clogging



Thermally Refined® manufacturing process provides a higher quality wood mulch and unsurpassed performance.

- Conwed Fibers® Hydro Mulch® 1000 with TriFlo™ provides maximum soil coverage due to its 100% Thermally Refined® wood fiber
- Utilizes heat and pressure that breaks wood down into more fibrous material with greater surface area that results in better yield and coverage
- Delivers up to 50% more water-holding capacity than atmospherically refined wood mulches
- Creates an interlocking matrix for better erosion control protection and allows for improved oxygen transfer
- Creates a near perfect environment for faster germination



Product Composition:		
Thermally Refined® Wood Fibers – 87% ± 3%	<u>Slope Gradient/Condition</u>	<u>Rate</u>
Proprietary Emulsifying Agents (TriFlo) – 1% ± 0.5%	≤ 4H:1V	2000 lb/acre
Moisture Content – 12% ± 3%	> 4H:1V and ≤ 3H:1V	2500 lb/acre
(40) 50-lb bales per pallet	> 3H:1V and ≤ 2H:1V	3000 lb/acre





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## Hydraulic Mulch — Wood



### Description

Conwed Fibers® Hydro Mulch® 1000 with TriFlo™ is a fully biodegradable, Hydraulic Mulch (HM) composed of 100% recycled Thermally Refined™ wood fibers. The HM is phyto-sanitized, free from plastic netting, and upon application forms an intimate bond with the soil surface to create a porous and absorbent layer that enhances germination and plant growth.

### Recommended Applications

-  Erosion control and revegetation for moderate slopes ( $\leq 2H:1V$ )
-  Rough graded slopes
-  Enhancement of vegetation establishment

### Technical Data

Physical Properties*	Test Method	Units	Minimum Value
Water Holding Capacity	ASTM D7367	%	1100
Material Color	Observed	n/a	Green
Performance Properties*	Test Method	Units	Value
Cover Factor <sup>1</sup>	Large Scale <sup>2</sup>	n/a	0.55 maximum
Percent Effectiveness <sup>3</sup>	Large Scale <sup>2</sup>	%	45 minimum
Environmental Properties*	Test Method	Units	Typical Value
Functional Longevity <sup>4</sup>	ASTM D5338	n/a	Up to 3 months
Ecotoxicity	EPA 2021.0	%	96-hr LC50 > 100%
Biodegradability	ASTM D5338	%	100
Product Composition			Typical Value
Thermally Processed Wood Fiber <sup>5</sup>			100%
TriFlo			< 1%

\* When uniformly applied at a rate of 2000 pounds per acre (2250 kilograms/hectare) under laboratory conditions. 1. Cover Factor is calculated as soil loss ratio of treated surface versus an untreated control surface. 2. Large scale testing conducted at Utah Water Research Laboratory. For specific testing information please contact a Profile technical service representative at 866-325-6262. 3. % Effectiveness = One minus Cover Factor multiplied by 100%. 4. Functional Longevity is the estimated time period, based upon ASTM D5338 testing and field observations, that a material can be anticipated to provide erosion control and agronomic benefits as influenced by composition, as well as site-specific conditions, including; but not limited to – temperature, moisture, light conditions, soils, biological activity, vegetative establishment and other environmental factors. 5. Heated within a pressurized vessel to a temperature greater than 380 degrees Fahrenheit (193 degrees Celsius) for 5 minutes at a pressure greater than 50 psi (345 kPa) in order to be Thermally Refined™/Processed and to achieve phyto-sanitization.

### Packaging Data

Properties	Test Method	Units	Nominal Value
Bag Weight	Scale	kg (lb)	22.7 (50)
Bags per Pallet	Observed	#	40

UV and weather-resistant plastic bags. Pallets are weather-proof stretch wrapped with UV resistant pallet cover.

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