

## The Industry Standard

When the first wood fiber hydraulic mulch was introduced in 1965, we set a new standard for hydraulically applied erosion control products. Profile<sup>®</sup> Products has continually built on that heritage and taken wood fiber technology and performance to even higher levels, keeping our products the #1 choice of specifiers, agencies and hydroseeding contractors.



## Superior Fibers Make All the Difference

Only Profile utilizes a patented Thermally Refined<sup>®</sup> manufacturing process that introduces 100% recycled wood chips into steam heat within a high-temperature and high-pressure vessel to create long and highly absorbent fibers. These fibers are proven to provide:



### **BETTER COVERAGE:**

Seven bags of Profile wood fiber mulch provide as much coverage as 10 bags of competitive wood mulch.



### **BETTER PROTECTION:**

Superior coverage and greater loft within the matrix effectively reduces soil surface evaporation and erosion.



### **BETTER ESTABLISHMENT:**

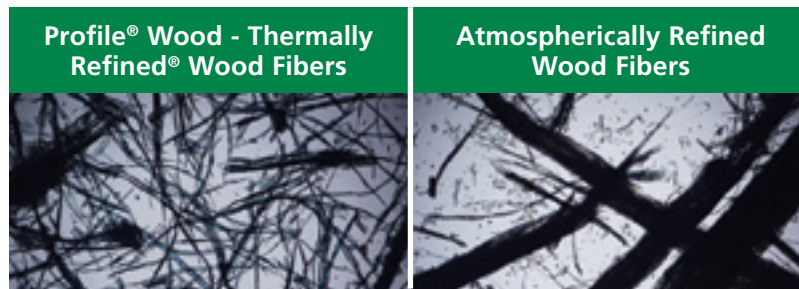
Greater loft also provides greater air pore space and water-holding capacity to promote more complete seed germination and faster vegetation establishment.



### **GREATER PRODUCTIVITY:**

Uniform mulch slurries stay in suspension longer resulting in fewer clogs, better shooting distance and more uniform coverage—you get more done in less time.

# A Close Look at Why Profile® Wood Mulch is Still Superior



Fibers magnified 45 times by independent lab specializing in fiber analysis

Profile® Thermally Refined® wood fibers have dramatically more surface area which generates greater yield, interlock, loft and coverage, compared to coarser and shorter atmospherically refined fibers typically found in competitive wood mulches.

Wood mulch with tackifier includes 100% recycled wood fibers and tackifier for increased binding capabilities. Tackifier is a blend of polymers and polysaccharides.

## Profile Wood Mulch and Wood Mulch with Tackifier Technical Data

Functional Longevity: ≤ 3 months

### COMPOSITION

#### Wood Fiber Mulch:

100% Thermally Refined® Virgin Wood Fibers

#### Wood Fiber Mulch with Tackifier:

97% Thermally Refined® Virgin Wood Fibers  
3% Tackifier including High-Viscosity Colloidal Polysaccharides

### PACKAGING

**Bags:** Net Weight – 50 lb (22.7 kg) UV- and weather-resistant plastic film

**Pallets:** 40 bags/pallet; 1 ton (907 kg)/pallet; Weather-proof stretch-wrapped with UV-resistant pallet cover

SLOPE GRADIENT/CONDITION	APPLICATION RATE
≤ 4H:1V	2,000 lb/ac (2,240 kg/ha)
> 4H:1V and ≤ 3H:1V	2,500 lb/ac (2,800 kg/ha)
Wood maximum slope length:	20 ft (6.1 m)
Wood w/Tackifier maximum slope length:	30 ft (9.1 m)

- Application rates may vary depending on site-specific conditions. Visit [profilePS3.com](http://profilePS3.com) to determine the right rate for your project.
- You can also customize specifications or select products based on performance at [erosioncontrolspecs.com](http://erosioncontrolspecs.com).



Made in Conover, North Carolina, USA

### Other Hydraulic Mulch Products from Profile:

- Wood/Cellulose Blend with Tackifier
- Wood/Cellulose Blend
- Cellulose with Tackifier
- Cellulose

Profile has recycled over 3.5 billion pounds (15.9 billion kg) of wood and paper fibers through the production of Profile High Performance Mulches.



Solutions for your Environment™

### PROFILE Products LLC

750 W. Lake Cook Road • Suite 440  
Buffalo Grove, IL 60089

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# LOCATIONS & CONTACT INFO

## ASP ENTERPRISES

aspent.com  
salesasp@aspent.com

## BOWMAN CONSTRUCTION SUPPLY

bowmanconstructionsupply.com  
salesbcs@bowmanconstructionsupply.com

## QUICK SUPPLY CO.

quicksupplyco.com  
salesquick@quicksupplyco.com

## CASCADE GEOSYNTHETICS

cascadegeos.com  
salescascade@cascadegeos.com

St. Louis, MO 636.343.4357  
Omaha, NE 402.861.8579

Denver, CO 303.696.8960  
Loveland, CO 970.535.0863

Des Moines, IA 515.289.1271

Portland, OR 971.339.1020

Kansas City, MO 816.554.1191  
Wichita, KS 316.393.1554

Colorado Springs, CO 719.257.7840

Salt Lake City, UT 435.276.0820

# SOLUTIONS WE SUPPLY

## GEOSYNTHETICS

Filter Fabrics  
Stabilization Fabrics

### Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

### Specialty Fabrics

#### Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

## SEDIMENT CONTROL

### Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

### Ditch Checks

- Triangle Silt Dike
- GeoRidge

### Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

### Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

### Sediment Basin Skimmers

### Dewatering Bags

### Trackout Control

- FODS
- Rumble Grates

### Turbidity Curtains

## EROSION CONTROL

### Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

### High-Performance Hydraulically Applied Products

- BFM
- FGM
- Additives & Tackifiers

### Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

### Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

### Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

### Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

## STORMWATER MANAGEMENT

### Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

### Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

### Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

### Inlet Structures

- PVC
- Drain Basis, In-Line Drains
- Landscape

### Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

## SPECIALTY

### Natural & Synthetic Coir Fiber Logs

### Vegetated Reinforced Soil Slopes

### Soil Anchors

### Root Barrier System

### AquaBlok

### Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT  
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**