

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® 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® 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

Profile® Wood - Thermally Refined® Wood Fibers



Atmospherically Refined Wood Fibers



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: $\leq$ 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
$\leq$ 4H:1V	2,000 lb/ac (2,240 kg/ha)
$>$ 4H:1V and $\leq$ 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 to determine the right rate for your project.
- You can also customize specifications or select products based on performance at 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.



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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 Basins, 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