

Profile® Wood with Tack is a fully biodegradable, Hydraulic Mulch (HM) composed of 100% recycled Thermally Refined™ virgin wood fibres and wetting agents (including high-viscosity colloidal polysaccharides). The HM is phytosanitized, free from plastic netting, and upon application forms an intimate bond with the soil surface to create a porous, absorbent and flexible erosion resistant blanket that allows for rapid germination and accelerated 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	Tested Value
Mass/Unit Area	ASTM D6566	g/m ² (oz/yd ²)	≥ 336 (9.9)
Water Holding Capacity	ASTM D7367	%	$\geq 1,200$
Material Colour	Observed	n/a	Green
Performance Properties*	Test Method	Units	Tested Value
Cover Factor ¹	Large Scale ²	n/a	≤ 0.25
Percent Effectiveness ³	Large Scale ²	%	≥ 75
Functional Longevity ⁴	ASTM D5338	months	≤ 3
Environmental Properties*	Test Method	Units	Tested Value
Ecotoxicity	EPA 2021.0	%	48-hr LC ₅₀ > 100%
Biodegradability	ASTM D5338	n/a	Yes
Product Composition			Typical Value
Thermally Refined Wood Fibers ⁵			97%
Wetting Agent-Including high-viscosity colloidal polysaccharides			3%

* When uniformly applied at a rate of 3000 pounds per acre (3400 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 Terrafix technical service representative. 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.			

To the best of our knowledge, the information contained herein is accurate. However, Terrafix Geosynthetics Inc. cannot assume any liability whatsoever for the accuracy or completeness thereof. Final determination of the suitability of any information or material for the use contemplated, of its manner Terrafix Geosynthetics Inc. 2025.