



Profile® Blend Hydraulic Mulch



**GREEN DESIGN
ENGINEERING™**
EARTH-FRIENDLY SOLUTIONS
FOR SUSTAINABLE RESULTS™

Solutions for your Environment™

Description

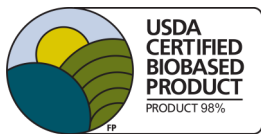
Profile® Blend is a biodegradable, Hydraulic Mulch (HM) composed of 100% recycled Thermally Refined™ virgin wood fibers and cellulose fibers. The HM is made in the US, plastic-free, and phytosanitized to eliminate potential weed seeds and pathogens. Upon application, the product forms an intimate bond 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 mild slopes (≤3H:1V)
- Rough graded slopes
- Enhancement of vegetation establishment

Technical Data

Physical Properties*	Test Method	Units	Tested Value
Mass/Unit Area	ASTM D6566 ¹	g/m ² (oz/yd ²)	≥ 280 (8.3)
Water Holding Capacity	ASTM D7367	%	≥ 1,000
Material Color	Observed	n/a	Green
Performance Properties*	Test Method	Units	Tested Value
Cover Factor ²	ASTM D8298-Type 1	n/a	≤ 0.40
Percent Effectiveness ³	ASTM D8298-Type 1	%	≥ 60
Vegetation Establishment	ASTM D7322	%	≥ 200
Functional Longevity ⁴	ASTM D5338	months	≤ 3
Environmental Properties*	Test Method	Units	Tested Value
Ecotoxicity ⁵	EPA 2021.0	n/a	Non-Toxic
Biodegradability	ASTM D5338	n/a	Yes
USDA BioPreferred® Biobased Content	ASTM D6866	%	98
Elemental Impurity Limits	ASTM D8082	Pass/Fail	Pass
Product Composition			Typical Value
Thermally Processed Wood Fibers ⁶ (within a pressurized vessel) (minimum)			70%
Cellulose Fibers (maximum)			30%



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.

Profile Products

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