



EcoSolutions® EcoFibre® Hydraulic Mulch



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

Description

EcoSolutions® EcoFibre® is a biodegradable, Hydraulic Mulch (HM) composed of 100% recycled Thermally Refined™ virgin wood fibers derived from whole wood chips. 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 moderate slopes ($\leq 2H:1V$)
- Rough graded slopes
- Enhancement of vegetation establishment

Technical Data

Physical Properties*	Test Method	Units	Tested Value
Specification for Hydraulically-Applied Wood Fiber Mulch	ASTM D8198-Type1	Compliant	Yes
Mass/Unit Area	ASTM D6566 ¹	g/m ² (oz/yd ²)	≥ 336 (9.9)
Water Holding Capacity	ASTM D7367	%	$\geq 1,200$
Material Color	Observed	n/a	Green
Performance Properties*	Test Method	Units	Tested Value
Cover Factor ²	ASTM D8298-Type 1	n/a	≤ 0.30
Percent Effectiveness ³	ASTM D8298-Type 1	%	≥ 70
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	%	99
Elemental Impurity Limits	ASTM D8082	Pass/Fail	Pass
Carbon Footprint ⁶	Life Cycle Assessment	Unit CO ₂ e/Unit of product ⁷	≤ 0.4



Packaging Data

Product Composition			Typical Value
Thermally Processed Wood Fibers ⁸ (within a pressurized vessel)			100%
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

750 Lake Cook Road, Ste. 440
Buffalo Grove, IL 60089
800-508-8681 or +1-847-215-3464

To the best of our knowledge, the information contained herein is accurate. However, Profile Products 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 of use and whether the suggested use infringes any patents is the sole responsibility of the user.

Profile Products 2022©

11/2022

EcoSolutions EcoFibre DS