



# Profile® Cellulose Hydraulic Mulch



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

Solutions for your Environment™

## Description

Profile® Cellulose is a biodegradable, Hydraulic Mulch (HM) composed of 100% recycled 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 (≤4H:1V)
- Rough graded slopes
- Enhancement of vegetation establishment

## Technical Data

Physical Properties*	Test Method	Units	Tested Value
Mass/Unit Area	ASTM D6566 <sup>1</sup>	g/m <sup>2</sup> (oz/yd <sup>2</sup> )	≥ 224 (6.6)
Water Holding Capacity	ASTM D7367	%	≥ 1,000
Material Color	Observed	n/a	Green
Performance Properties*	Test Method	Units	Tested Value
Cover Factor <sup>2</sup>	ASTM D8298-Type 1	n/a	≤ 0.55
Percent Effectiveness <sup>3</sup>	ASTM D8298-Type 1	%	≥ 45
Vegetation Establishment	ASTM D7322	%	≥ 200
Functional Longevity <sup>4</sup>	ASTM D5338	Months	≤ 3
Environmental Properties*	Test Method	Units	Tested Value
Ecotoxicity <sup>5</sup>	EPA 2021.0	n/a	Non-Toxic
Biodegradability	ASTM D5338	n/a	Yes
USDA BioPreferred® Biobased Content	ASTM D6866	%	100
Elemental Impurity Limits	ASTM D8082	Pass/Fail	Pass



Made in USA

## Packaging Data

Product Composition	Typical Value
Cellulose Fibers	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

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