



Profile® Cellulose with Tack Hydraulic Mulch



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

Solutions for your Environment™

Description

Profile® Cellulose with Tack is a fully biodegradable, Hydraulic Mulch (HM) composed of 100% recycled cellulose fibers 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 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	g/m ² (oz/yd ²)	≥ 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 ¹	Large Scale ²	n/a	≤ 0.50
Percent Effectiveness ³	Large Scale ²	%	≥ 50
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
Cellulose Fiber			97%
Wetting Agent -Including high-viscosity colloidal polysaccharides			3%

*When uniformly applied at a rate of 2000 pounds per acre (2240 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 Profile technical service representative at 800-508-8681 or +1-847-215-3464. 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.

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

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

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 2020©