

WoodStraw® ECM

Engineered erosion control mulch (ECM)

Model LS64-100 Technical Specification (09-20-16)

www.woodstraw.com

General Description:

Wood-strand erosion control mulch – An all-wood long-strand material comprised of a blend of loose thin wood pieces, each with a high length-to-width ratio such that the pieces form a protective matrix when distributed on the soil. Model LS64-100 is composed of long and short wood strands that have the following nominal properties:

"L" Length: 6.3 inch
 "S" Length: 2.5 inch
 Width: 3/16 inch
 Thickness: 1/10 – 1/8 inch
 Ratio of L:S 50:50 by area (mass)



Technical Description:

A manufactured all-wood long-strand soil erosion control mulch that is a blend of geometrically regular wood elements that have a straw-like form and function. The components of the blend shall be as specified in the Manufacturer's technical data for the model number specified. The materials are baled in green or air-dried condition and inherently free of noxious weed seeds and other chemicals/additives detrimental to plant life.

Packaging: (Manufacturing video available on www.woodstraw.com)

- Wood-strand mulch is packaged in bales tied with poly bale twine and placed on pallets with 20-24 regular bales per pallet and 3 large bales per pallet.
- Regular bales are 14" x 18" x 18"-22" and will cover from 158 ft² - 290 ft² depending on application rate.
- Large bales are 30" x 40" x 42"-54" and will cover from 1,819 ft² - 3,351 ft² depending on application rate.

Applications: (Videos available on www.woodstraw.com)

- Hand Application
- Straw Blowers
- Helicopter Aerial Applications

Estimated Coverage Rate: (Printable Coverage Calculator for #bales required on www.woodstraw.com)

Coverage rate per bale is a function of application method and site conditions. Estimates are based on 1/100-acre test plots on a smooth surface. Manufacturer cannot guarantee actual coverage rates per bale under field conditions.

Soil Cover : Slope	Regular Bales		Large Bales	
	Sq. Ft per Bale	Bales per Acre	Sq. Ft per Bale	Bales per Acre
50% soil cover : < 33%	290	150	3,351	13
70% soil cover : > 33%	158	276	1,819	24

* An application rate of 70% coverage is recommended for slopes over 33%, ecologically sensitive areas, wind-blown areas and/or highly erosive soils. Selected slope equivalencies: 5% = 1:20 = 3°; 15% = 1:7 = 8°; 33% = 1:3 = 18.4°; 50% = 1:2 = 27°.

Other:

- WoodStraw® is a registered trademark of Forest Concepts, LLC
- This material is protected by US Patent 6,729,068. Other patents may be pending or in preparation.
- Specifications, terms, pricing and design are subject to change without notice and without liability therefore.
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