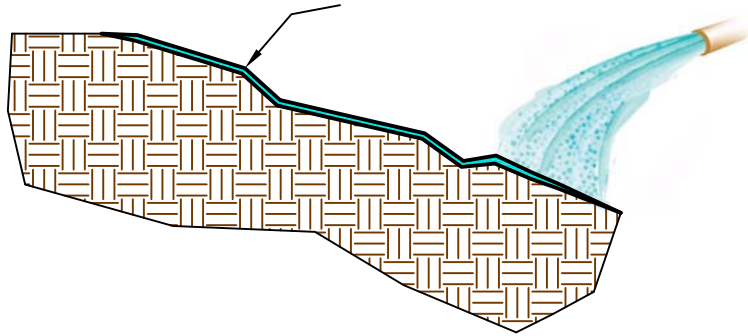


ECO-SOLUTIONS ECOFIBRE™ PLUS
TACKIFIER, HYDRAULICALLY APPLIED
EROSION CONTROL PRODUCT (HECP)



SPECIFICATION: Section 32 92 16.16 - Hydraulic Seeding: Hydraulic Mulch - Wood with Tackifier

This section specifies a hydraulically-applied, 100% biodegradable Hydraulic Mulch (HM) - Wood with Tackifier composed of 100% recycled long strand, thermally refined (within a pressure vessel) wood fibers that have been pressure treated to 80 - 85 psi (552 - 586 kPa) with steam and heat treated for 15 minutes at 380 - 440 degrees Fahrenheit (193 - 226 degrees Celsius) and a tackifier. The HM is phytosanitized, free from plastic netting and forms a bond with the soil surface to create a porous and absorbent erosion layer that enhances germination and plant growth. All components of the HM shall be pre-packaged by the Manufacturer to assure both material performance and compliance with the following values. No chemical additives with the exception of fertilizer, liming and biostimulant materials should be added to this product.

1. Thermally Processed (within a pressure vessel) Wood Fiber (minimum) - 97% $\pm$ 1%
 - a) Heated to a temperature greater than 380 degrees Fahrenheit (193 degrees Celsius) for 15 minutes at a pressure greater than 80 psi (552 kPa)
- Guar Based Tackifier - 3% $\pm$ 1%

INSTALLATION

Strictly comply with equipment manufacturer's installation instructions and recommendations. Use approved hydro-spraying machines with fan-type nozzle (50-degree tip). To achieve optimum soil surface coverage, apply HM from opposing directions to soil surface. Rough surfaces (rocky terrain, cat tracks and ripped soils) may require higher application rates to achieve 75% cover. Slope interruption devices or water diversion techniques are recommended when slope lengths exceed 30 feet (9 m). Maximum slope length is for product applications on a 4H:1V slope. For application on steeper slopes, slope interruption lengths may need to be decreased based on actual site conditions. Not recommended for channels or areas with concentrated water flow. No chemical additives with the exception of fertilizer, liming and biostimulant materials should be added to this product. To ensure proper application rates, measure and stake area.

1. Apply fertilizer with specified prescriptive agronomic formulations, seed and HM at a rate of 50 lb per 100 gallons (23 kg / 380 liters) of water over properly prepared surfaces. Confirm loading rates with equipment manufacturer.

Do not apply on saturated soils or substrates. Do not apply if precipitation is anticipated within 24-48 hours.

APPLICATION RATES: These application rates are for standard conditions. Designers may need to increase application rates on rough surfaces. *Consult application and loading charts to determine number of bags to be added for desired area and application rates.*

Slope Gradient / Condition	English	SI
$\leq$ 4H to 1V	2000 lb/ac	2250 kg/ha
$>$ 4H to 1V and $\leq$ 3H to 1V	2500 lb/ac	2800 kg/ha
$\geq$ 3H to 1V and $\leq$ 2H to 1V	3000 lb/ac	3400 kg/ha

SEE COMPREHENSIVE CSI FORMATTED SPECIFICATION FOR FURTHER DETAILS

PLEASE NOTE THAT THE INFORMATION PRESENTED HEREIN IS GENERAL INFORMATION ONLY. IT IS FOR CONCEPTUAL USE ONLY AND NOT INTENDED TO BE USED FOR CONSTRUCTION. WHILE EVERY EFFORT HAS BEEN MADE TO ENSURE ITS ACCURACY, THIS INFORMATION SHOULD NOT BE USED FOR A SPECIFIC APPLICATION WITHOUT INDEPENDENT PROFESSIONAL EXAMINATION AND VERIFICATION OF ITS SUITABILITY, APPLICABILITY AND ACCURACY.



ECO-SOLUTIONS
ECOFIBRE™ PLUS
TACKIFIER CAD
Details Slope

CAD Details Slope – EcoFibre Plus
Tackifier.dwg

CONTACT NUMBER: 800-508-8681

WEB SITE: www.profileproducts.com

DRAWN BY: NEA

DATE: 12/23/10

CHECKED BY:

DATE:



SCALE: NOT TO SCALE

SHEET 1 OF 1