



JET SPRAY® Pourable Fiber Mulch with FiberMax™



Increase production and improve your results.

Jet Spray® pourable fiber mulch with FiberMax™ is among the most sophisticated wood/cellulose hydraulic mulches on the market today — and you don't need a big machine to use it. From dramatically reduced loading times to greatly increased yields, Jet Spray gets the job done faster and better than ever before. Here's how:

- Unique fiber mulch flakes are specifically designed to pour into the smaller tank openings of jet-agitated hydraulic seeders
- Loading time is decreased by up to 90% versus traditional based hydraulic mulches
- Delivers 50% more FiberMax synthetic fiber than before for more uniform ground coverage and reliable erosion control
- Flocculating tackifier increases yield — so every bag goes farther providing greater loft within the matrix and outstanding erosion control performance
- Dyed a dark green color for easy metering of the applied area

90% FASTER
50% MORE FIBER

Jet Spray Physical Properties

Moisture Content	12% +/-3
Water Holding Capacity	850% min.
Paper Content	76% +/-2
Wood Fiber Content	20% +/-2
FiberMax	3% +/-2
Flocculant Tackifier	1% +/-2

Jet Spray Typical Application Rates

Modest to 4 to 1 Slope	2000 lbs./acre
3 to 1 Slope	2500 lbs./acre
3:1 to 2:1 Slope	3000 lbs./acre

Packaging

40 lb. heavy duty plastic bag, shipped 48 bags per 48 x 48 pallet, uv pallet cover

Directions for use

Fill your jet-agitated hydraulic seeder to 1/2 full (MIN) of water. Add seed, Jet Spray w/ FiberMax and fertilizer as the tank continues to fill. Please refer to equipment manufacturer's loading instructions.



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GENERAL

1.01 SUMMARY

- A. This section specifies a spray-applied wood cellulose fiber mulch with polyester fiber for a strong mechanical bond within the fiber mulch matrix for [hydro-seeding,] [hay and straw seeding.]
- B. Related Sections: Other Specification Sections which directly relate to the work of this Section include, but are not limited to, the following:
1. Section 01570 - Temporary Erosion and Sediment Control.
 2. Section 02300 - Earthwork; establishment of subgrade.
 3. Section 02370 - Erosion and Sedimentation Control.
 4. Section 02920 - Lawns and Grasses.

1.02 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions. Include required substrate preparation, list of materials and application rate.

1.03 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials and products in factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage from weather, excessive temperatures and construction operations.

PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. PROFILE Products LLC
750 Lake Cook Road – Suite 440
Buffalo Grove, IL 60089
800-726-6371

(Fax 847-215-0577)

2.02 MATERIALS

- A. Wood Cellulose Fiber: PROFILE Jet Spray® w/ FiberMax™ by PROFILE Products LLC with the following characteristics:
1. *Materials:* Cellulose fiber, clean raw lumber wood chips, polyester fibers, dark green dye.
 2. *pH Range:* 7.0 +/- 2.
 3. *Moisture Content:* 12 +/-3%.
 4. *Wood Fiber Content:* 20% +/- 2%.
 5. *Paper Fiber Content:* 76% +/-2%.
 6. *Photo Degradable Polyester Fibers:* 3 +/- .1% (1/2 to 3/4 inch staple lengths: 1.5 denier)
 7. *Organic Content:* 93.0% +/-3%.
 8. *Ash Content:* 7.0% +/-3%.
 9. *Water Holding Capacity:* 850% minimum.
 10. *Patents:* 6,158,167, patents pending
 11. *Packaging:* 40 pound UV resistant bags with UV resistant pallet cover.

EXECUTION

3.01 SUBSTRATE PREPARATION

- A. Examine substrates and conditions where materials will be applied. Do not proceed with installation until unsatisfactory conditions are corrected, only apply product to geotechnically stable slopes that have been designed and built to divert the water shed away from the face of the slope, therefore eliminating surface flow energy from above from damaging the slope face.

3.02 INSTALLATION

- A. Strictly comply with manufacturer's installation instructions and recommendations. Use approved hydro-spraying machines. Do not exceed maximum slope length of 35 feet when slope gradients are steeper than 4 to 1. Install materials at the following application rates:
1. *Hydro-Seeding:* Add 50 - 75 pounds of PROFILE Jet Spray® w/ FiberMax™ per 100 gallons of water when hydro-seeding; confirm loading rates with equipment manufacturer:
 - a. Mod to 4 : 1 Slope: 2000 lbs. per acre
 - b. 3 : 1 Slope: 2500 lbs. per acre
 - c. 3 : 1 to 2 : 1 Slope: 3000 lbs. per acre
 - d. 2 : 1 to 1 : 1 Slope: 3500 lbs. per acre
 2. *Hay and Straw Seeding:* Mulch binding, 500 lbs. per acre.

3.03 CLEANING AND PROTECTION

- A. Clean spills promptly. Advise Owner of methods for protection of sprayed areas.

