

SECTION 02927

FIBER MULCH COLORANT

PART 1 GENERAL

1.01 SUMMARY

- A. This section specifies a spray-applied marker dye for visual metering during [hydro-seeding.] [mulch binding.] [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.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. PROFILE Products LLC, 750 Lake Cook Road – Suite 440, Buffalo Grove, IL 60089, 800-366-1180 (Fax 847-215-0577)

2.02 MATERIALS

- A. Marker Dye: PROPLUS SlikColor by PROFILE Products LLC with the following characteristics:
 - 1. Materials: polyacrylamide (PAM), marker dye.
 - 2. Surface Tension: 61.2 dynes/cm, based on simulated field application after 5 minutes of mechanical agitation, based on 2 pounds of Dye Crystals per 1000 gallons of water.
 - 3. Viscosity: 20 CPS plus or minus 2, based on simulated field application after 5 minutes of mechanical agitation, based on 2 pounds of growth stimulate per 1000 gallons of water.
 - 4. Packaging: 11 pound jug, two per case, shipped 36 cases per 48 x 48 pallet.

PART 3 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.

3.02 INSTALLATION

A. Strictly comply with manufacturer's installation instructions and recommendations. Use approved hydro-spraying machines. Install materials at the following application rate:

1. Hydro-Seeding: 1 lb per 1500 lbs of fiber per 3000 gallons of water per acre.
2. Marker Dye: 3 lbs of Dye Crystals per 3000 gallons of water
3. Hay and Straw Seeding: 2 lbs SlikColor per tacking emulsion per acre

3.03 CLEANING AND PROTECTION

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

END OF SECTION

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