

## Non-Asphalt Tackifiers & Mulch Cover Systems

### Non-Asphalt Tackifier

<u>Supplier</u>	<u>Brand</u>	<u>Application Rate</u>
Eastern Products, Inc. Mahwah New Jersey	Ecotak OP	40 Lbs per 800 gallons of water per acre
	Ecotak OP 5	40 Lbs per 800 gallons of water per acre
Finn Corporation Fairfield OH	Finn Tackifier	50 Lbs per 800 gallons of water per acre
	Hydro-Stik A500	40 Lbs per 800 gallons of water per acre
Hanes Geo Components Winston-Salem NC	Platinum Soil Tackifier	3 Lbs per Acre
HydroStraw, LLC Rockford WA	FiberRX	40 Lbs per 1000 gallons of water per acre
Innovative Turf Solutions, LLC Cincinnati OH	EnviroPam	9 Lbs per Acre
	EnviroPam L	1 Gallon per Acre
	HF5000 Tack	30 Lbs per Acre
	HydraTack	30 Lbs per Acre
	HydraTack P	30 Lbs per Acre
	HydraTack P Plus	30 Lbs per Acre

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Innovative Turf Solutions, LLC  
Cincinnati OH

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Tack P	30 Lbs per Acre
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Tack P Plus	30 Lbs per Acre
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JRM Chemical, Inc.  
Cleveland OH

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HydroBond	9 Lbs per Acre
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Hydrobond L	1 Gallon per Acre
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LSC Environmental Products,  
LLC  
Apalachin NY

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EarthGuard	7 Gallon per Acre
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Profile Products  
Buffalo Grove IL

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ConTack	40 Lbs per 1000 gallons of water per acre
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FlocLoc	4.5 Lbs per Acre
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### **Mulch Cover System**

**Supplier**

**Brand**

**Application Rate/Cure Time**

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LSC Environmental Products,  
LLC  
Apalachin NY

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EarthGuard Fiber Matrix	2500-3000 Lbs per Acre / 0 Hours
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Profile Products  
Buffalo Grove IL

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Enviro-Matt Bonded Fiber Matrix	3000-4500 Lbs per Acre / 24-48 Hours
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## Non-Asphalt Tackifiers & Mulch Cover Systems

Profile Products  
Buffalo Grove IL

Flexterra HP-FGM	2500-4500 Lbs per Acre / 0-2 Hours
ProMatrix Engineered Fiber Matrix (EFM)	2500-4000 Lbs per Acre / 24-48 Hours
SprayMatt Bonded Fiber Matrix	3000-4500 Lbs per Acre / 24-48 Hours

### APPLICATION OF TACKIFIER:

The supplier's recommended application rate shall be followed when using an approved tackifier. Application rate shown is for slopes with a maximum gradient of 3:1 (H:V). Every application shall also include a minimum of 250 Lbs. of paper fiber and green dye per 800 gallons of water per acre.

### APPLICATION OF MULCH COVER SYSTEM:

The supplier's recommended application rate and cure time is shown above and shall be followed when using an approved mulch cover system. The cure time represents how much time is required for a product to be placed before a rainfall event.

### Method of Documentation of Acceptance:

Product Name and Supplier.

### Method of Approval:

## NON-ASPHALT TACKIFIERS

THE FOLLOWING PROCEDURE IS TO BE USED IN ACQUIRING APPROVAL OF NON-ASPHALT TACKIFIERS FOR INCLUSION ON THE QUALIFIED PRODUCTS LIST:

- The supplier will supply a 1.0 lb sample along with recommended application rates to the Materials Division for evaluation.
- The supplier will supply information concerning the application methods, technical information including the chemical and physical composition, a Safety Data Sheet (SDS), and any restrictions to the storage, handling, or use of the tackifier. A statement

## **Non-Asphalt Tackifiers & Mulch Cover Systems**

certifying that the product is not harmful to plants, animals, and aquatic life will also be required. The Department will not approve any products deemed environmentally incompatible.

Once approved by the Materials Division for use on Department projects, evaluation of application of the product will be monitored at the project level. Poor performance of the tackifier product on a project may be considered sufficient cause to suspend future use and/or removal from this QPL.

### **MULCH COVER SYSTEMS**

**THE FOLLOWING PROCEDURE IS TO BE USED IN ACQUIRING APPROVAL OF MULCH COVER SYSTEMS FOR INCLUSION ON THE QUALIFIED PRODUCTS LIST:**

- The supplier will supply a 1.0 lb sample along with recommended application rates (minimum of 2,500 lbs/acre) and cure times to the Materials Division for evaluation.
- The supplier will supply information concerning the application methods, technical information including the chemical and physical composition, a Safety Data Sheet (SDS), and any restrictions to the storage, handling, or use of the mulch cover system.
- The supplier will supply a written statement certifying the product is not harmful to plants, animals, and aquatic life.
- The mulch cover system shall consist of a hydraulically applied matrix composed of a minimum of 70% non-toxic defibrated organic fibers with, at a minimum, one of the following non-toxic additives that upon drying become insoluble and non-dispersible to eliminate direct raindrop impact on soil:
  - Soil tackifiers,
  - Soil flocculants,
  - Soil polymers
  - Cross-linked hydro-colloidal polymers
  - Cross-linked tackifiers

Do not use material composed of paper cellulose fiber, or any mixture containing paper. It shall have no germination or growth inhibiting factors and does not form a water-resistant crust that can inhibit plant growth. The mulch cover shall be completely photodegradable or biodegradable.

## **Non-Asphalt Tackifiers & Mulch Cover Systems**

- **The stated vegetation establishment (ASTM D7322) shall not be less than 300%.**
- **The supplier will supply a written statement that the submitted product is identical to that most recently tested by NTPEP must be supplied.**
- **The performance of the mulch cover system will be approved based on the Department's review and final results from the National Transportation Product Evaluation Program (NTPEP) furnished to the Department by the manufacturer/supplier. The NTPEP results for Cover Factor (C) shall be  $\leq 0.08$  (ASTM D6459).**

**Once approved by the Materials Division for use on Department projects, evaluation of application of the product will be monitored at the project level. Poor performance of the mulch cover system on a project may be considered sufficient cause to suspend future use and/or removal from this QPL.**

**The manufacturer of privately labeled products must be disclosed.**

**No information contained in these lists is to be used for promotional purposes.**