

2111 - MULCH TACKING SLURRY

SECTION 2111

MULCH TACKING SLURRY

2111.1 DESCRIPTION

This specification covers the materials to be used as tacking slurry applied to mulch.

2111.2 REQUIREMENTS

a. Tacking Material. Provide tacking material that complies with the following:

- A blend of fibers of recycled slick paper, produced from printers' slick paper containing wood cellulose, and kaolin clay.
- Free of synthetic or plastic materials or other foreign material
- Biodegradable
- Disperses in water and forms a homogeneous slurry, and remains in suspension when agitated by the hydraulic slurry equipment.
- When sprayed uniformly over the mulch, forms an absorbent cover allowing percolation of water to the underlying soil.
- Packaged in moisture resistant bags with the net weight (mass) of the packaged material plainly shown on each bag.
- Non-water soluble fibers.

Complies with the following minimum requirements for wood cellulose mulch:

Applied Color	Green
Organic Matter, percent by weight	Min. 80
Tacking Agents, percent by weight	>4
Moisture Content, percent by weight	12 ± 3
Water Holding Capacity	>1200 (grams of H ₂ O per 100 grams of fiber
pH Range	5.5 ± 3

b. Tacking Agent. Add a Guar Gum based tacking agent to the tacking material in the hydraulic slurry at a rate and manner recommended by the manufacturer. The tacking agent must be biodegradable and comply with the following:

Density	30 grams per cc
Hazardous Components	None
Percent Volatile	0 at 70°F
Appearance	Cream Colored Powder
Water Miscibility	Thickener
Odor	Mild

c. Water. Use water for mulch tacking slurry that complies with the **DIVISION 2400**.

d. Toxicity. Do not use tacking materials and/or tacking agents that are toxic to vegetation, hazardous to the germination of seed or may be injurious to personnel handling and applying the materials.

2111.3 TEST METHODS

None Specified.

2111.4 PREQUALIFICATION

None Required.

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2111.5 BASIS OF ACCEPTANCE

Receipt and approval of a Type D certification as specified in **DIVISION 2600**.