

**KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION TO THE  
STANDARD SPECIFICATIONS, 2015 EDITION**

**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 a commercially available tacking material that complies with the following:

- 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 <sub>2</sub> O per 100 grams of fiber)
pH Range .....	5.5 ± 3

**b. Tacking Agent.** Add an organic or synthetic 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.

**2111.5 BASIS OF ACCEPTANCE**

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

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