



HYDROSTRAW® STRAWLOCK CERTIFICATE OF COMPLIANCE

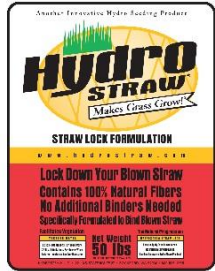
CERTIFICATE OF COMPLIANCE

Patents Pending

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HydroStraw, LLC certifies that HydroStraw® StrawLock contains the following properties and characteristics



DESCRIPTION

HydroStraw® StrawLock: Our objective is to produce long pliable straw fibers that have been through our Heat & Mechanically Treated Process HMT™ that allows them to interact with the paper, organic fibers and glues to lock the blown application of fibers together. The

paper mache process allowing the matrix to lock the straw in place.

HydroStraw® StrawLock: The goal is to cover and coat the conventionally blown straw together to reduce its ability to be removed by the wind. The blown straw is in contact with the soil. The HydroStraw StrawLock is to be applied in a high viscosity slurry to keep the slurry in contact with the blown straw.

SPECIFICATIONS

HydroStraw® StrawLock uses a proprietary blend of binders and natural fibers that lock down the blown straw treatment. The primary fiber shall be produced from annually renewable straw fiber; all fiber materials should be free from plastic materials or other non bio-degradable substances. Fiber shall be of such character that the fiber will disperse into uniform slurry when mixed with water. Fiber shall be colored green and shall not stain concrete or other surfaces. Fiber and other mulch ingredients shall be free from growth or germination inhibiting ingredients. Mulch Fiber shall be applied as a slurry solution by means of hydroseeder. It is imperative that the mulch be applied at the specified rate, in addition, too wet of a mixture will cause the fibers to be buried into the blown straw and render the fiber and binders less effective. Mulch Fiber shall be applied as a slurry solution by means of Hydroseeding. Mulch Fiber shall be applied at the specified rate per the specifications in a uniform manner. Care shall be exercised to ensure that the mulch application is uniform and even throughout the blown straw area; mulch shall not be bunched or clumped up on the site. Care shall also be taken to ensure that the blown straw treatment is adequately covered to lock it down in place and reduce potential blowing. Mulch applications shall be started on the windward side of the project.

WARRANTY

HydroStraw, LLC warrants that its products are free from defects and will perform as stated in this literature. If our product does not meet products specifications, notice of failure must be received within 15 days of failure. HydroStraw, LLC will not warrant that the product will perform under unlimited circumstances that are caused by soil conditions, installation, and/or weather variables.

Physical Characteristics

Toxicity	Non Toxic
Applied Color	Green
Surface Tension	Material will evenly disperse and suspend when agitated in water
Absorbency	When sprayed uniformly at the recommended rate, the mulch fibers form an absorbent mulch cover which will allow percolation of water and increased water infiltration to the underlying soil matrix
Solubility	Mulch Fibers are Non Water Soluble
pH	6.8 +/- 0.5
Average Fiber Length	1.0" +/- 1/4" (2.54 cm +/- .64 cm)

Packaging and Shipping Data

Bag Size	11.5" x 17" x 25" (29.2 x 43 x 63.5 cm)
Bag Weight	50 lb (22.7 kg)
Pallet	40 Bags, 52" x 45" x 96" (132 x 114 x 244 cm)
Full Truck	22 Pallets, 880 Bags
Packaging	Moisture Resistant Packaging

Composition

Heat & Mechanically Treated™ (HMT) - Wheat Straw	66.0% +/- 1.0%
Natural Fibers for Matrix Entanglement	10.0% +/- 1.0%
Cellulose Fibers	10.0 +/- 1.0%
Moisture	10.0 +/- 1.0%
Proprietary Crossed Linked Tackifier	4.0 +/- 1.0%

Mixture Rates

Hose Work	60 lbs / 100 gallons (27 kg / 379 liters)
Tower Work	75 lbs / 100 gallons (34 kg / 379 liters)

*Hose Work Rate may vary dependent on hydroseeder type and/or size and length of hose used.

Application Rate

500 - 750 lb / acre	560 - 850 kg / hectare
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