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Quality Erosion Control Products

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**CERTIFICATE OF COMPLIANCE
FLEX GUARD® EROSION CONTROL SYSTEM**

Mat, Inc. certifies that Flex Guard® has the properties and characteristics outlined below.

Flex Guard® is a Fiber Reinforced Matrix (FRM) style hydromulch produced by Mat, Inc. It is made from 82% wood fiber, 5% synthetic fibers with an added binder for increased erosion control. The wood fiber is thermally pasteurized to 350° F and mechanically defibrated. Flex Guard® is manufactured to contain a specified range of fiber lengths with a minimum of 25% of the fibers averaging .4 inches long, with 50% or more retained on a Ro-Tap #8 testing sieve (a dry screening classification of fiber length). Mat, Inc. packages Flex Guard® in 3 mil UV resistant plastic bags measuring 9"x18"x36", weighing 50 pounds net each (net dry wt. 44-45 lbs.).

Flex Guard® is manufactured in the United States of America at two locations: 12402 Hwy. 2, Floodwood, MN and 811 Price Place, Lenoir, NC. . To determine which location Flex Guard® was manufactured call 1-888-477-3028 weekdays 8:00 a.m.-4:30 p.m. CST.

Flex Guard® disperses rapidly in water and remains in uniform suspension under agitation. It blends with seed, fertilizer and other approved and specified materials forming a homogeneous slurry. When applied with hydraulic planting equipment, the fibers form a continuous and strong, moisture holding mat.

The binder is formulated from five elements:

1. A polysaccharide tackifier commonly used in the erosion control industry
2. A standard agricultural fertilizer
3. A slow release fertilizer
4. A soil stabilizer
5. Dispersible synthetic fibers

The binder provides added bonding among the fibers to hold soil, seed and fertilizer in place for rapid germination and growth. Upon drying, the binder becomes water insoluble and remains biodegradable, creating an effective temporary erosion control blanket.

Uniform application of Flex Guard® is facilitated by coloring the fibers blue or green, using a water soluble, non-toxic dye. (Blue-MN, Green-NC)

Thermally Processed Wood fiber:	>82%
Polysaccharide Tackifier:	<9%
Synthetic Fibers:	4% +/-1%
Trade secret:	<1%
Trade secret:	<1%
Trade secret:	<1%
Blue or green dye:	<1%
Moisture content:	12% ±3

Flex Guard® is fully biodegradable and non-toxic. The material enriches the soil as it degrades leaving no residue. It is safe for wildlife and the environment.

Flex Guard® has been evaluated at the Mat, Inc. Quality Control Center in Floodwood, MN and Lenoir, NC. Product properties are determined using test methods that are scientifically sound and reliable to the best of our knowledge. Other test methods may produce slightly different results.

Patti J. Karpik, President

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