



The Strongest Straw Tackifier Available Plus, Covers Twice The Area!

Introducing the first product in the Tornado Tack™ line from Profile®. Tornado Tack ST-1000 is an all-in-one, hydraulically applied tacking solution for straw, giving you twice the coverage of a traditional blended mulch and tackifier while providing the strongest, environmentally safe bond. With the high-loading formulation and 500 pounds-per-acre application rate, it saves time through fewer loads per job and frees you up to earn more money each day. Plus, the product's performance on the ground gives you confidence that you will get the job done right the first time.



- Prevents straw from blowing or washing away
- Minimizes straw from migrating to sensitive areas
- Environmentally safe alternative to asphalt emulsion binders
- Stabilizes the growing environment
- Lengthens the functional longevity (staying power) of the straw

Up to 40% Higher Loading and Double the Coverage

- Save water and time – can be loaded at 65-70 pounds per 100 gallons (29-31 kg/379 L)
- Double the coverage – up to 4 acres (1.6 ha) of coverage from a 3,000-gallon (11,356 L) tank
- Safe for the environment – biodegradable ingredients
- Greater fiber-to-fiber and fiber-to-soil bond strength – designed with patented interlocking, biodegradable fibers and porous ceramic reinforcement particles
- Safer and easier loading and storage with a convenient, all-in-one package – no need to lug multiple products to the job site for repeated field mixing
- Easy to mix and spray – can be used in a wide variety of hydroseeding equipment

Profile® Tornado Tack™ ST-1000 Technical Data:



COMPOSITION

Wood Cellulose Fiber	95%
Organic Biopolymers	3%
Crimped, Man-Made Biodegradable Interlocking Fibers	1%
Porous Ceramic Particles	1%

INSTALLATION

Straw Tacking:

Mix Tornado Tack™ ST-1000 at a rate of 65-70 pounds per 100 gallons (29-31 kg/379 L) of water in hydroseeding tank. Confirm loading rates with equipment manufacturer.

Hay and Straw Mulch Binding: 500 lb/ac (560 kg/ha)

Strictly comply with equipment manufacturer's installation instructions and recommendations.

Use approved hydro-spraying machines with fan-type nozzle (50-degree tip is preferred for maximum fiber distribution and coverage).

PACKAGING

50-lb bags (22.7 kg)

40 bags per pallet



**GREEN DESIGN
ENGINEERING™**
EARTH-FRIENDLY SOLUTIONS
FOR SUSTAINABLE RESULTS™

Green Design Engineering™ is a holistic approach that combines agronomic and engineering expertise with advanced technologies to provide cost-effective and earth-friendly solutions. Profile strives to deliver Green Design Engineering across our team of consulting professionals, innovative products and educational resources.



PS³ is a free, comprehensive 24/7 online resource you can use to design a project and select the right products that address both the physical and agronomic needs of your site. It will help you develop holistic, sustainable solutions for cost-effective erosion control, vegetation establishment and subsequent reductions in sediment and other pollutants from leaving disturbed sites. Because good plans start with the soil, PS³ offers free soil testing to ensure this critical step is considered.



For more information, please contact us: 1 888 298-9911
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U.S. Patent #'s: 5,942,029; 7,484,330; 7,752,804; 8,256,159

TTST-01 02/14