

**In 2007, 3,000 acres of
wild fire reclamation
COMPLETED.**



*Keeps ash and
sediment "in place"
after rain events for
post fire rehabilitation*

*Prevent soil and sand
erosion and fugitive dust*



Soil Stabilization



SUPER TACK®

DISPERSIBLE GUAR BASED TACKIFIER

Super Tack® has a proven track record as one of the best organic tackifiers on the market. **Super Tack®** excels in a wide variety of applications such as hydraulic mulching, straw or hay mulching, aerial post fire rehabilitation and temporary soil stabilization.

- **Super Tack®** has been successfully used on 6,000+ acres of post fire rehabilitation.
- **Super Tack®** is a complex formulation of high quality water soluble polysaccharide and other proprietary ingredients.
- **Super Tack®** is 93% soluble and quickly disperses and dissolves for even distribution of the binder with no lumps.
- **Super Tack®** is designed for optimal viscosity build up for uniform application. Once applied, the superior tack performance gives the mulch mixture sufficient strength and resistance to raindrop impact.

ENVIRONMENTALLY FRIENDLY: **Super Tack®** is made from natural non-toxic ingredients that will not harm soil, equipment or other living things.

UNIVERSITY TESTED: **Super Tack®** tested 84% effective for soil erosion at San Diego State University.

Super Tack® available in a variety of packaging and sizes:

- 5 lb & 10 lb baggies packaged in 40 lb cases.
- 50 lb (22.68 kg) weather proof multi-ply plastic bags
- 20 lb plastic buckets

Super Tack® Manufactured by **RANTEC CORPORATION** – providing technical assistance in tackifier use. Call us for more information.



25 Years of Innovation!

RANTEC CORPORATION

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RANTEC CORPORATION

SUPER TACK®

UNIVERSITY TESTED SAN DIEGO STATE UNIVERSITY SOIL EROSION RESEARCH LABORATORY

- 84% REDUCTION IN SEDIMENT YIELD
- 40% DECREASE IN RUNOFF

When compared to the untreated bare soil condition on a 2:1 slope, the data demonstrates that an application of a hydraulic mixture composed of 2,000 lbs of wood fiber mulch, 4,000 gallons of water and 120 lbs of Rantec **Super Tack**® reduced erosion and sediment delivery by an average of 84% when exposed to three 10-year storm replications. The same test documented a decrease in runoff volume of 40%.

SDSU, September 26, 2003

RECOMMENDED SPECIFIC LANGUAGE: A non toxic, biodegradable tackifier such as **Super Tack**® shall be used on this project at the minimum application rates shown on the table below. Such tackifiers shall be a natural galactomannan based hydrocolloid treated with dispersant agents for easy field mixing. **Super Tack**® can be applied at 15 to 25 pounds in 1,000 gallons of water depending on the equipment capacity. When used as an overspray for straw, use **Super Tack**® more concentrated at a rate of 40 lbs in 1,000 gallons per acre with the use of 150 to 300 lbs of mulch as a marker.

SLOPE:	FLAT	4:1	3:1	2:1	1:1
LB/ACRE:	30-60	40-80	50-100	60-120	70-220

Quality Polymers from



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