



**RAILROAD
SOLUTIONS**

Sure Spike Data Sheet

Railroad Solutions Sure Spike is a patented single component powder based tie plugging compound. It is both economical and effective for spike hole coverage.

Sure Spike Specifications

Basic Use

Sure Spike is a spike hole plug compound. It is a powder based tie plugging compound that will dramatically reduce tie plugging cost. Sure Spike is a free flowing powder designed to be heat activated when the spike is being driven into the wood tie.

Sure Spike is recommended for rail gangs, rattle spike gangs, re-gauging work and routine maintenance.

- Works in ALL temperatures, wet or dry
- Reduces labor intensity; less manpower and hours
- Environmentally safe
- Stronger than wood plugs
- Resealable containers
- 600 tie holes per 40 lb. container

Composition and Material

Sure Spike is a mixture of special silicates and proprietary admixtures. Yield is approximately 600 tie holes per 40 lb. resealable plastic container. Yield will vary slightly depending on field conditions.

Applicable Standards

Sure Spike is tested in accordance with all applicable ASTM testing procedures.

Limitations

Contact Railroad Solutions.

Technical Data

Sure Spike powder is a spike activated material that can be used in all temperature conditions. The intense heat of a driven spike is the activation catalyst.

Physical Properties

Sure Spike is recommended for use between -50°F and 140°F.

Tie condition: good to poor

Insertion strength: 14,000 psi

Extraction strength: 10,000 psi

Density: 106 lbs/cuft

Shelf Life: In a properly stored container is indefinite.



Application

Maintenance

Always reseal opened containers. Material can be stored in any area at any temperature.

Methods

Sure Spike should be applied as follows:

1. For maximum product performance, Sure Spike should be applied directly to the wood tie.
2. Dispense Sure Spike through Railroad Solutions powder applicator into wood tie until hole is filled.
3. Clean equipment with water.

Warranty

Railroad Solutions warrants that this product will be free from defects and will perform as represented in writing provided application of product is in accordance with manufactures recommendations and application recommendations. Railroad Solutions will refund the purchase price of any product proven defective, but shall in no way be liable for indirect, consequential, special or resultant damages, whether due to breach of warranty or negligence. Railroad Solutions makes no guarantee or warranty, express or implied. Including, without limitation, warranties of fitness or merchantability, with respect to this product.

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