

# TRMSS



## Tire Rubber Modified Surface Seal

Modified with terminal blended recycled tire rubber for superior U.V. protection, flexibility, adhesion, durability, and color retention.



**TRMSS** - Tire Rubber Modified Surface Seal is a clay stabilized asphalt emulsion. **TRMSS** features a unique combination of asphalt cements modified with

terminal blended ground whole scrap tire rubber to form a high performance surface treatment for asphalt pavements.

**TRMSS** protects and extends the useful pavement life by replacing the vital surface oils, locking down the loose aggregates and preventing damage caused by oxidation, weather, and traffic. **TRMSS** is an ideal choice to maintain asphalt pavements, slurry seal and chip seal surface treatments.

Unique properties of **TRMSS** include:

- **READY TO USE** - no dilution and no heating saves time.

- **EASY TO APPLY** - using computer rate-controlled spreader trucks or sealcoat spray tankers
- **ECONOMICAL** - fast drying (less than two hours in ideal conditions) reduces traffic control expense and traffic disruption
- **SAFE** - contains no cutbacks, solvents or flammables, or coal tar.
- **LONG LASTING** - excellent film integrity, bonding, ultra-violet and fuel resistant properties provide superior protection against traffic, oxidation, and other environmental stresses.
- **UNIQUELY FORMULATED** - will not run onto adjacent concrete surfaces, resists traffic scuffing and tracking and retains a dark black non-glare color.

**TRMSS** is an excellent maintenance strategy for residential streets, airports, highway shoulders and other areas where value and performance are critical.

**TRMSS** Application Procedures:

- Surface cracks must be clean and free from loose debris, dirt and dust
- Cracks should be sealed with approved crack sealants
- **TRMSS** is designed to be applied by computer rate control asphalt spreader or standard sealcoat spray distributor trucks. Hand spray wands and squeegees may be used for smaller areas and trim.
- **Coverage Rate:** .1 - .18 gallons/square yard, depending on pavement age and porosity. **TRMSS** is provided ready-to-use; **DO NOT DILUTE.**
- Ambient and surface temperature must be at least 60°F during application.
- **TRMSS** is formulated to be applied at ambient temperatures, **DO NOT HEAT.**
- Drying time is as little as 1-6 hours, depending upon ambient temperature and humidity.

**CAUTION:** KEEP OUT OF REACH OF CHILDREN. Do not take internally. If swallowed, call a physician immediately. In case of contact with eyes, flush immediately with water for 15 minutes and call a physician. When not in use, keep containers tightly closed and upright to prevent leakage.

**WARRANTY:** The statements made on this technical bulletin are believed to be true and accurate, and are intended to provide a guide for approved construction practices. SealMaster® does not make, nor does it authorize any agent or representative to make any warranty, express or implied, concerning this material as workmanship, weather, construction, equipment utilized and other variables affecting results are all beyond our control. SealMaster® warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall SealMaster® be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or equipment furnished or work performed. SealMaster® shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.

### APPLICABLE STANDARDS & PRODUCT TEST DATA (1):

		MIN	MAX
Viscosity, Krieb Unit (KU)	ASTM D 562	45 KU	55 KU
Weight/Gallon	ASTM D 2939.07	8	9
Residue by Evaporation %	ASTM D 2939.08	30	40

### PERFORMANCE CRITERIA TESTING (1):

Wet Track Abrasion	ISSA (TB-100)	Less than 1% (2)
Accelerated Weathering Test	ASTM G 154	Pass (3)
Fuel Resistant	ASTM D 2939.25	Pass

### ASPHALT CEMENT CERTIFICATE OF COMPLIANCE (4):

		MIN	MAX
- Terminal Blended Ground Whole Scrap Tire Rubber %	Certificate on file	10	16
- Penetration 77°F, 100g, 5 sec, dmm	ASTM D 5	15	35
- Softening Point, °F	ASTM D 36	130	160
- Solubility %	ASTM D 2042	98	99

- (1) TRMSS diluted, ready-to-use
- (2) Calculated weight loss, percentage of original volume, 1 hour soak
- (3) 1,000 hours  
UVA-340 lamp, 0.77 W/m<sup>2</sup> (v1.0 calibration),  
8 hours UV light @ 50°C, 5 min. spray, 3:55 hours condensation @ 50°C
- (4) Ground whole scrap tire rubber modified asphalt cement

**TRMSS consumes 5 recycled tires in every 1,000 gallons**



**SEALMASTER®/ARIZONA**

2020 West McDowell Road  
Phoenix, AZ 85009

Phone: (602) 253-4660

FAX: (602) 253-0439

[www.sealmasterphoenix.com](http://www.sealmasterphoenix.com)

Environmentally  
Friendly & Safe  
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or Coal Tar.

