



# MasterSeal™ MTR

## **Modified Tire Rubberized Sealcoat**

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

**Product Description:** MasterSeal MTR is a clay-stabilized mineral filled asphalt emulsion modified with Terminal Blended, Ground Whole Scrap Tire Rubber asphalt cement for superior performance.

**Uses:** MasterSeal MTR is designed to protect and beautify all asphalt pavements including parking lots, driveways, airports, shopping malls, roadways, highway shoulders, and walkways.

**Color:** Black when dry.

**Surface Preparation:** New asphalt surfaces should be allowed to cure a minimum of four weeks under ideal weather conditions before application. Surface must be clean and free from all loose material, dirt and dust. For ease of application in hot weather, the surface may be fogged with water prior to sealing.

Pavement surface repairs should be made with a suitable hot or cold asphalt mix. Cracks should be filled with hot or cold applied crack fillers. Treat all grease, oil and gasoline spots or stains with SealMaster Petro Seal or Prep Seal.

**Mixing Procedures:** For optimum results, mix MasterSeal MTR pavement sealer in

accordance with the following mix design (based on 100 gallons for ease of calculation):

MasterSeal MTR	100 gallons
Water	20-25 gallons
Sand	100-300 lbs.

Mix materials to a uniform consistency.

**Application:** Two coats of mixed material are recommended. Apply by squeegee, brush or spray. Apply second coat in cross direction to the first. Allow first coat of sealer to dry a minimum of 2 to 4 hours under ideal weather conditions (above 70°F, low humidity) before applying second coat. Allow longer drying time between coats when temperature is below 70°F.

**Important:** Ambient and surface temperature must be at least 60°F and rising during application. Shaded areas will require additional drying time due to reduced ambient and surface temperatures.

**Coverage:** 60-70 square feet per gallon of concentrate per coat, depending on pavement age, porosity, and method of application.

**Clean Up:** Wash tools in water. Use TarBuster

if material has dried.

**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.



**MasterSeal MTR  
Environmentally  
friendly consuming  
5 recycled tires in  
every 1,000 gallons**

**CHEMICAL CHARACTERISTICS:**

Classification.....Asphalt Emulsion	Flash Point.....None
Flammability.....Non-Flammable	Color.....Black when dry

**APPLICABLE STANDARDS & PRODUCT TEST DATA:**

Classification - Emulsified Bitumen's/Asphalt Emulsion

PROPERTY	TEST METHOD	RESULTS
Residue by Evaporation %	ASTM D 2939.08	50% min.
Weight Per Gallon 25°C	ASTM D 2939.07	10 lbs./gal. min.
Wet Track Abrasion	ISSA (TB-100)	Less than 5% loss
Accelerated Weathering Test	ASTM G 154	Pass (1,000 hrs.)
Aggregate Content	Manufacturing Controls	2-3 lbs./gallon
Material Uniformity	ASTM D 2939.05	Pass
Flash Point	ASTM D 2939.12	Pass/None
Drying Time	ASTM D 2939.13	Pass
Resistance To Heat	ASTM D 2939.14	Pass
Resistance To Water	ASTM D 2939.15	Pass
Flexibility	ASTM D 2939.16	Pass
Wet Flow	ASTM D 2939.19	Pass
Resistance To Volatilization	ASTM D 2939.23	Pass
Wet Film Continuity	ASTM D 2939.22	Pass
Resistance To Impact	ASTM D 2939.26	Pass

**APPLICABLE STANDARDS & PRODUCT TEST DATA:**

Classification - Terminal Blended Ground Whole Scrap Tire Rubber Modified Asphalt Cement

PROPERTY	TEST METHOD	RESULTS	
		Min.	Max.
Ground Whole Scrap Tire Rubber %	Terminal Cert.	10%	
Penetration 77°, 100g, 5 sec, dmm	ASTM D 5	15	35
Softening Point, °F	ASTM D 36	130	160
Solubility %	ASTM D 2042	98	



**SEALMASTER®/ARIZONA**  
2020 West McDowell Road  
Phoenix, AZ 85009  
Phone: (602) 253-4660  
FAX: (602) 253-0439  
**www.sealmaster.net**