

LiquidRoad®

Premium Surface Coating

THE NEXT
LEVEL IN
PAVEMENT
PRESERVATION

SEALMASTER®/ARIZONA

MFG. PLANT: 2003 W. McDowell Road
Phoenix, AZ 85009
Phone: (602) 253-4660

DISTRIBUTION
LOCATIONS: 462 South Robson
Mesa, AZ 85210
Phone: (480) 964-5442

2222 S. 10th Avenue
Tucson, AZ 85713
Phone: (520) 882-5559

www.sealmaster.net



1. PRODUCT NAME

Liquid Road
Ready To Use

2. MANUFACTURER

Seal Master®/Phoenix
2003 W. McDowell Rd.
Phoenix, AZ 85009
Phone: (602) 253-4660
www.sealmaster.net

3. DESCRIPTION:

Liquid Road is a polymer-modified, fiber reinforced asphalt emulsion coating that is mixed with specially graded aggregate and applied to pavement surfaces. The result is a highly durable, slip-resistant surface treatment that greatly extends pavement service life.

4. GUARANTEED READY TO USE FORMULA:

Liquid Road, unlike other surface treatments, requires no water dilution or other contractor adjustments prior to application. It's unique, ready to use full-strength formula guarantees a factory controlled, quality assured and consistent product installed on your pavement.

5. SURFACE PREPARATION:

Pavement must be free of loose and embedded dirt, dust, vegetation and other foreign material. If traditional cleaning methods are not effective a power washer or tack coat of asphalt emulsion diluted 1:4 with water may be used. Structural repairs should be made and cracks 1/4" and larger should be sealed with approved crack sealant material. All grease and oil spots should be treated with PrepSeal or PetroSeal.

6. APPLICATION GUIDELINES:

New asphalt should not be sealed until after it has cured for a minimum of 30 days. New slurry seals must be exposed to a full summer heat cycle before application of **Liquid Road**. Ambient and surface temperature must be at least 55°F and rising during application, and must remain above 50°F for a 24 hour period after application is completed. Do not apply if rain is forecast within 24 hours. Pavement surface should be misted with water in extremely hot temperatures (90 degrees and above). Two coats are required. The first coat must be completely dry before

applying the second coat. Do not apply a second coat in areas that appear to be wet or areas that are damp to the touch until they are completely dry. A third coat may be applied in heavy traffic areas or on severely distressed pavements. Allow the product to dry completely before resuming traffic. Drying times are determined by the contractor based on temperature, humidity and other factors. At the owner's discretion, the second coat of **Liquid Road** may be spray applied. More distressed pavement conditions should remain a 2 coat squeegee application in order to ensure the proper amount of **Liquid Road** is applied to the surface.

7. APPLICATION EQUIPMENT:

Liquid Road shall be applied by mechanical squeegee/brush or hand/mechanical spray equipment. Equipment shall have continuous agitation or mixing capabilities to maintain homogenous consistency of **Liquid Road** and aggregate mixture throughout the application process. Truck mounted or self-propelled squeegee/brush equipment shall have at least 2 squeegee or brush devices

(one behind the other) to assure adequate distribution and penetration of **Liquid Road** into bituminous pavement. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.

8. APPLICATION RATES:

The recommended application rates for **Liquid Road** are 25-35 sq. ft. per gallon/ per coat (12-18 sq. ft. per gallon = total of 2 coats) or .20 gallon - .35 gallon sq. yd./ per coat (.40 - .70 gallon per sq. yd. = total for 2 coats). Application rates may be adjusted depending on the pavement condition, traffic volume and other factors.

9. CLEAN UP:

Wash tools in water. Use TarBuster if material has dried.

10. 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.

Liquid Road Ready To Use Specifications

TEST PROPERTIES		TEST METHOD	SPECIFICATION
EMULSION:			
Uniformity		ASTM D 2939.04	PASS
Weight/gallon @ 77 deg. F		ASTM D 2939.07	10.7 lbs./gal.min
Residue by Evaporation (Solids), %		ASTM D 2939.08	55% min.
Asphalt Content by Weight, %		ASTM D 2939.21	15% min.
VOC Content by Volume, %		ASTM D 244-89	< 3%
Fine Aggregate and Mineral Filler Content by Weight, %		Manufacture Certification	34% min.
Polymer Content by Volume, %		Manufacture Certification	1.8%
PERFORMANCE BASED TESTING:			
Resistance to Heat (No sagging or slipping observed.)		ASTM D 2939.14	PASS
Resistance to Water (No blistering or re-emulsification.)		ASTM D 2939.15	PASS
Wet Flow, mm		ASTM D 2939.19	0
Direct Flame Test (No continued combustion after 10 sec. No slippage, run down or charred material observed.)		ASTM D 2939.20	PASS
Wet Film Continuity (Material was uniformly distributed; no signs of inconsistency.)		ASTM D 2939.22	PASS
AGGREGATE SIEVE ANALYSIS:			
SILICA SAND		FINE AGGREGATE	
Mesh Size	% PASSING (+ or -2)	Mesh Size	% PASSING (+ or -2)
16	99	40	100
20	86	50	93
30	58	70	80
40	26	80	69
50	4	120	49
70	1	200	55
100	0.2	325	2