

1. **PRODUCT NAME:**  
MasterSeal Ready To Use  
Asphalt Based Pavement  
Sealer Hawaii
2. **MANUFACTURER:**  
SealMaster®/Hawaii  
2927 Mokumoa Street  
Honolulu, HI 96819-4404  
Phone: (808) 839-2782  
Fax: (808) 839-2002  
www.sealmasterhawaii.com

*Additional Plant Locations:*  
SealMaster has a nationwide network of manufacturing and distribution facilities. Phone us at 1-800-395-7325, or visit our website at www.sealmaster.net to find the location near you.

### 3. PRODUCT DESCRIPTION & BENEFITS

A ready to use asphalt emulsion pavement sealer fortified with sand for slip resistance and added durability.

*Basic Uses:* Designed to beautify and protect asphalt pavement surfaces including parking lots, airports, driveways, shopping malls, roadways, and more.

*Composition:* Mineral filled asphalt emulsion pavement sealer, fortified with special surfactants to promote superior adhesion and durability. Contains select aggregate to produce a slip-resistant durable coating.

*Sizes:* Available in 2,000 gallon bulk tankers, 55-gallon drums, and 5-gallon pails.

*Color:* Dries to a deep, rich black color.

*Limitations:* Shall not be applied when temperature is expected to drop below 50F at any time within a 24 hour period after application.

### 4. TECHNICAL DATA

Meets the performance standards of ASTM-D 2939, ASTM-D 244, ASTM-D 217, ASMA A1,

ASTM-D 2042, ASTM-D 3910, ASTM-D 562, and Fed.Spec. TT-C-55B.

*Environmental Considerations:* Does not contain asbestos. Product is an environmentally friendly water-based pavement sealer containing less than 150 grams per liter volatile organic content (VOC).

*Physical/Chemical Properties:*  
Product is a premium quality pavement sealer that meets the following material requirements when tested in accordance with ASTM D 140, ASTM D 466, ASTM B117, ASTM D 529, ASTM D 2939, and ASTM D244 procedures. (See chart below)

### 5. INSTALLATION

Surface must be clean and free from all loose material and dirt. Pavement surface repairs should be made with a suitable hot or cold asphalt mix. Cracks should be filled with SealMaster hot pour or cold applied crack fillers. Treat all grease, oil, and gasoline spots or stains with SealMaster Petro Seal™ or Prep Seal™.

*Methods:* Shall be applied by either pressurized spray application equipment or self-propelled squeegee equipment. Pressurized spray equipment shall be capable of spraying pavement sealer with sand added. Equipment shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout the application process. Self-propelled squeegee equipment shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of sealer into bituminous pavement. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.

#### Particle Size Analysis of Aggregate - % Retained:

1 mm .....	0.0%
.5 mm .....	3.8%
.25 mm.....	91.1%
.15mm .....	4.1%
.05 mm.....	.1%

TEST	SPECIFICATIONS	RESULT
Material	Material shall be homogenous and show no separation or coagulation that cannot be overcome by agitation	PASSES
Type of Asphalt	Clay stabilized cationic asphalt emulsion	PASSES
Chem. & Physical Analysis		PASSES
- Cone Penetration	340 mm - 700 mm	PASSES
- Residue Penetration	20 - 60	PASSES
- Non Volatiles %	53 - 57%	PASSES
- % Non-Volatile Soluable in Tri-CHLORETHYLENE	10 - 35%	PASSES
- Wet Track Abrasion	35g (loss) Max.	PASSES
- Dried Film Color	Black	PASSES
- Ash Non Volatiles %	30 - 67	PASSES
- Viscosity	75 kreb units Min.	PASSES
- Accelerated Weathering	No Deterioration	PASSES
- Specific Gravity 25C	1.3	PASSES
- Weight Per Gallon	10.8	PASSES
Drying Time	8 Hr. Max.	PASSES
Adhesion & Resistance to Water	No Penetration or Loss of Adhesion	PASSES
Resistance to Heat	No Blistering or Sagging	PASSES
Flexibility	No Cracking or Flaking	PASSES
Resistance to Impact	No Chipping, Flaking or Cracking	PASSES

*Mixing Procedures:*

- Product is a ready to use material that does not require the addition of water or sand. Stir product thoroughly before applying. If required, a small amount of water may be added to facilitate application.

*Application:* For optimum performance and durability, apply two coats. A third coat may be applied to high traffic areas such as entrances, exits, and drive lanes.

*Application Rate of Mixed MasterSeal Ready To Use:*

Coverage rate to meet specifications required by job necessity with a minimum coverage rate of .11 to .13 gallon per square yard (70-80 square feet per gallon) per coat. Estimating Material Requirements: To estimate gallons of MasterSeal Ready To Use required to cover a specific area, use the following coverage rate:

- One gallon of MasterSeal Ready To Use will cover approximately 20 -30 square feet per coat.

Note: Coverage rates may vary due to pavement age and porosity. Precautions: Both surface and ambient temperature shall be a minimum of 50F. Temperature shall not drop below 50F in a 24 hour period following application. New asphalt surfaces should be allowed to cure a minimum of four weeks under ideal weather conditions (70F) before applying MasterSeal Ready To Use. Keep Out Of Reach Of Children. Do not store unopened drums or pails in freezing temperatures.

**6. AVAILABILITY & COST**

*Availability:* MasterSeal Ready To Use is supported by a nationwide network of SealMaster manufacturing facilities along with a national network of professional applicators.

*Cost:* Cost information can be obtained from a local MasterSeal

Ready To Use applicator. Contact SealMaster/Hawaii for the MasterSeal Ready To Use representative in your area.

**7. WARRANTY**

SealMaster warrants that MasterSeal Ready To Use meets the chemical composition and performance requirements set forth in section 4. Liability to the buyer or user of this product is limited to the replacement value of the product only.

**8. MAINTENANCE**

Periodic cleaning of parking lot surface will ensure optimum product service life.

**9. TECHNICAL SERVICES**

*Manufacturer:* Complete product specifications, material safety datasheets, and technical assistance is available from SealMaster.

*Professional Applicators:* Your local MasterSeal Ready To Use applicator is available to provide on-site inspections and recommendations to meet your specific needs.

**10. FILING SYSTEMS**

- SealMaster Online Specification at [www.sealmaster.net](http://www.sealmaster.net)
- Complete SealMaster Product and Equipment Catalog Available.

The statements made on this specification sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workman-ship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer 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. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose. Warranty is void on multi-coat applications if material made by other manufacturers is used with this product.

Form No.: SMH-05

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