

1. PRODUCT NAME

MasterSeal Ready To Use with Top Tuff Asphalt Based Pavement Sealer Fortified with Gilsonite (Hawaii)

2. MANUFACTURER

SealMaster®/Hawaii
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3. PRODUCT DESCRIPTION & BENEFITS

A ready to use clay-stabilized asphalt emulsion pavement sealer fortified with TopTuff, gilsonite and 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 TopTuff, gilsonite and special surfactants to promote superior adhesion and durability. Contains select aggregate to produce a slip-resistant durable coating.

Sizes: Available in 3,500 and 2,500 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 50°F at any time within a 24 hour period after application.

4. TECHNICAL DATA

Meets the performance standards of ASTM-D 2939.

Environmental Considerations: Does not contain asbestos. Product is an environmentally friendly water based pavement sealer containing less than 15 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 D140, ASTM D466, ASTM B117, ASTM D529, ASTM D2939, and ASTM D244 procedures. (see chart below)

Composite Mixture: Binder, stabilizer, binder modifier, fibers, fillers, asphalt agents, aggregates, and polymers.

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.

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: One gallon of MasterSeal Ready To Use will cover approximately 30 to 60 square feet per coat.

Note: Coverage rate may vary due to pavement age, porosity and method of application.

| TEST | SPECIFICATIONS | RESULT |
|--------------------------------|--|--------|
| Material | Material shall be homogenous and show no separation or coagulation that cannot be overcome by agitation. | PASSES |
| Chem. & Physical Analysis | | |
| - Non Volatiles % | >50 | PASSES |
| - Ash Non Volatiles % | 30-67 | PASSES |
| - Specific Gravity 25°C | 1.15 Min. | 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 |

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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 data sheets, 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.sealmasterhawaii.com
- 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.

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