

1. PRODUCT NAME

OptiPave™ Plus
Ready-To-Use

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. Call us at 800-395-7325, or visit our website at www.sealmaster.net to find the location near you.

3. PRODUCT DESCRIPTION & BENEFITS

OptiPave™ Plus Ready-To-use is a high solids bituminous emulsion surface treatment designed to protect and extend the life cycle of airport runways and taxiways. OptiPave™ Plus Ready-To-Use is fortified with elastomeric polymers and polyethylene fibers in conjunction with naturally occurring sand, aggregates, and other asphalt agents to enhance both adhesion and cohesion to airport surfaces. This adhesion and cohesion greatly reduces the concern of Foreign Object Debris (FOD).

Basic Uses: OptiPave™ Plus Ready-To-Use is designed to enhance and protect asphalt runways and taxiways from oxidation, raveling, and Foreign Object Debris (FOD).

Composition: OptiPave™ Plus Ready-To-Use is an elastomeric polymer modified bituminous surface treatment fortified with adhesion promoters and sand.

Sizes: OptiPave™ Plus Ready-To-Use is available in 4,000 gallon bulk tankers, 275 gallon totes, 55-gallon drums, and 5-gallon pails.

Color: OptiPave™ Plus Ready-To-Use dries to a deep, rich black color.

Limitations: OptiPave™ Ready-To-

Use 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

ASTM Test Methods:

- D-140 Sampling of Bituminous Materials
- B-117 Salt Spray (FOG) Testing
- D-529 Recommended Practice for Accelerated Weathering Test Of Bituminous Materials
- D-2939 Bituminous-Base Emulsions for use as Protective Coatings

Design Data and Information:

OptiPave™ Plus Ready-To-Use is a unique blend of materials, manufactured by a stable, time tested process.

Composite Mixture: Binder, stabilizer, gilsonite, polymers, fibers, fillers, asphalt agents, and aggregates will be a homogenous mix.

Additional water may be included to facilitate mixing of product. Contact your SealMaster® representative for the allowable amount of water to prevent segregation of mixture.

The finished composite mixture can be applied in a single spray application.

Environmental Considerations:

OptiPave™ Plus Ready-To-Use does not contain asbestos. OptiPave™ Plus Ready-To-Use is an environmentally friendly water based pavement sealer containing less than 50 grams per liter volatile organic content (VOC).

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: The equipment applying

OptiPave™ Plus Ready-To-Use shall have continuous agitation capabilities to maintain homogenous consistency of the slurry through out the application process. Application of the slurry to the surface shall be via pressurized spray process at a rate of approximately 30-40 sq. ft. per gallon of finished product. The mixer/spreader equipment shall be either truck or trailer mounted and shall be towed during application at a slow and uniform rate not to exceed 5 mph. The fresh slurry seal shall be protected by baracades and markers and permitted to dry for up to 24 hours, depending on weather conditions. Upon completion of the work, the sealcoat shall have no holes, bare spots or cracks through which liquids or foreign matter could penetrate to the underlying pavement. The cured slurry shall have a homogenous appearance, fill all cracks, adhere firmly to the surface, and shall present a uniform and skid resistant texture. No additional sweeping of the product after application is required, however, routine sweeping of the pavement is recommended.

If required, a small amount of water may be added to facilitate application of mixed material.

NOTE: Coverage rates may vary significantly due to pavement condition, method of application, and aggregate used.

Precautions: Both surface and ambient temperature shall be a minimum of 50°F. Temperature shall not drop below 50°F in a 24 hour period following application. New asphalt surfaces should be allowed to cure a minimum of four weeks under ideal weather conditions (70°F) before applying OptiPave™ Plus Ready-To-Use.

Keep Out Of Reach Of Children. Do not store unopened drums or pails in freezing temperatures.

OptiPave™ Plus Ready-To-Use

6. EMULSION MATERIAL

Samples of the emulsion proposed for use, together with a statement as to its source, shall be submitted, and approval shall be obtained before using said material. A manufacturer's certified report shall be submitted to the Engineer for each consignment of the emulsion. The manufacturer's certified report shall not be interpreted as a basis for final acceptance. All such reports shall be subject to verification by testing samples of the emulsion received for use on the project.

7. AVAILABILITY & COST

Availability: OptiPave™ Plus Ready-To-Use is supported by a nationwide network of SealMaster manufacturing facilities along with a national network of professional applicators.

8. WARRANTY

SealMaster warrants that OptiPave™ Plus 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.

9. MAINTENANCE

Periodic cleaning of surface will ensure optimum product service life.

10. TECHNICAL SERVICES

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

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

11. FILING SYSTEMS

- SealMaster Online Specification at 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 workmanship, 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.: SMT-218
Date: May 2010

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