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Velvetop™

P R O D U C T S

VELVETOP POLYMER MODIFIED ASPHALT SEALER

Manufacturer: Velvetop Products
1455 New York Ave
Huntington Station, NY 11746

PRODUCT INTRODUCTION:

Note: This product contains no coal tar.

Velvetop Polymer Modified asphalt sealer is an asphalt water based emulsion that has been enhanced by using a polymer additive specifically designed for asphalt emulsions. The sealer with this modification gives superior resistance to weathering , oxidation and water resistance.

After applying the sealer, asphalt surfaces such as driveways, parking lots, etc. will be a rich, deep black color and have a protective coating against the elements.

This formulation may be used as a top coat stand alone surface treatment. As an alternative, a first coat of sand mix sealer may be applied to afford a slip resistance to the surface, followed by a top coat without sand. This is recommended on inclines and smooth surfaces.

COMPOSITION:

VELVETOP POLYMER MODIFIED ASPHALT SEALER is a mineral filled colloidal water based emulsion with added polymers for resistance to fuel, oxidation, and weathering and enhances adhesion to the existing pavement. Dries to rich, black color.

PACKAGING:

5 gallon, 55 gallon and bulk orders are accepted.

LIMITATIONS:

Apply the sealer only if the temperature is 50 degrees and rising and no rain is forecast for 24 hours.

Do not let product be subjected to freezing.

This material meets ASTM D2939 as set forth below:

1- Material shall be homogeneous and show no separation that can not be overcome by stirring or agitation.

2- Chemical and physical properties:

% non- volatiles	47-53%
% ash of non- volatiles	30-60%
Specific Gravity @ 25 C	1.18 minimum
Drying Time	8 hours maximum
Adhesion and resistance to water	no penetration or loss of adhesion
Resistance to heat	no blistering or sagging
Flexability	no cracking or flaking
Resistance to impact	no chipping, flaking, cracking

INSTALLATION:

Preparation of the pavement surface is paramount to a successful application of sealcoat. Surface must be sound, cured and have no loose or broken pieces of pavement and no dirt or debris on the surface. Mechanical cleaning, sweeping, air blowing or washing might be necessary for such preparation and to end up with a clean and ready to apply surface.

METHOD OF APPLICATION:

Various mechanical methods may be used such as squeegee machine or power spray. Brushing or squeegee by hand on smaller areas to cut in sensitive boarders is recommended. No matter what method is used, the product in the tank, drum, or pail, must be agitated periodically to ensure a uniform mix for even application. This is especially true if the mix design includes sand aggregate. The recommended sand load for the emulsion is five pounds of aggregate per gallon of sealer and additional water of up to fifteen percent of the concentrate. For 100 gallons of concentrate this would mean 500 pounds of sand and 15 gallons of water.

APPLICATION:

The rate of application of a sand mix is 12-15 gallons per 1000 square feet for each coat. With no sand it would be 8-10 gallons per 1000 square feet. Coverage rates will vary due to porosity , texture, or age of the pavement. The above quantities are average guides to use. Prior to succeeding applications, each prior coat must be completely dry before applying. All applications must be when temperature is 50 degrees or greater and no forecast of rain for 24 hours.

PRECAUTIONS:

Keep out of reach of children. The product is not recommended for application over concrete. All new asphalt must cure for at least 30 days.

ENVIRONMENTAL:

This product contains no coal tar, it is non hazardous under EPA toxicity heading. (TCLP)
Velvetop PM asphalt sealer is water based and contains less than 10 grams per liter of VOC's.
(.08 pound per gallon)

REFERENCES:

D140--- sampling of bituminous material

D244--- standard test for emulsified asphalts

D529--- testing of bituminous materials

D2939-- standard test methods of emulsified bitumins used as protective coatings.