

Asphalt Pavement Resurfacers

USING INTERFIBE FT & INTERFIBE FTP

Application Note

Introduction:

Asphalt pavement resurfacers are heavy duty protective coatings which are applied to seal surface defects and aesthetically improve aged pavements.

The resurfacers fill in the rough profile of the pavement and impart a smooth, freshly paved appearance. They are also used extensively for filling "bird baths" and as a leveling coat for eliminating surface depressions.

Asphalt pavement resurfacers are generally based on reinforcing fibers, mineral fillers, extenders, specialty chemicals, and asphalt emulsions. It is imperative that the product tenaciously bond to the old surface and absorb minor structural stresses in order to mend and stop minor (non-working) surface cracks.

The reinforcing properties of the fibers are of critical importance. Selected for use in these products are two grades: Interfibe FT and Interfibe FTP. Both grades are fine-length cellulose fibers of similar structure offering exceptional bridging and rheological modification to the resurfacer formulations.

interfibeTM

*For further information, call
your local distributor or
Interfibe Corporation.*

**Phone: (800) 262-3771
Fax: (216) 248-2132**

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Significant Issue:

As an effective non-hazardous alternative for asbestos fibers, Interfibe FT or Interfibe FTP provide the formulator the most cost-effective method for accomplishing the optimum properties in resurfacing compounds.

Customer Objectives:

Asphalt pavement resurfacers are characterized by:

- Low shrinkage
- Ease of application- should be **dilutable** with a maximum of 25% by volume of water
- Ability to fill the surface profile and yield smooth appearance

Interfibe Solution:

Interfibe FT and Interfibe FTP are recommended grades. They provide the desired:

- Thixotropy and leveling properties
- Reinforcing and tensile strength to the resurfacer to resist surface cracks and absorb minor stresses
- Fast and thorough drying

Interfibe FTP is surfactant pretreated and is therefore recommended for low-shear mixing.

Interfibe FT is recommended for high-shear mixing equipment.

The recommended level is approximately 45 lbs. per 100 gals. of the resurfacer formulation.

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ASPHALT PAVEMENT RESURFACER

Suggested Formulation

<u>Raw Material</u>	<u>Pounds</u>	<u>Gallons</u>
Asphalt Emulsion (SS-1-H, 90 Pen.)	728.00	80.00
Tamol 731-25	5.00	.56
Nopco NDW	5.00	.56
Preservative (non-mercurial)	.50	.03
Silica Flour, 325 mesh	50.00	2.40
Ball Clay, Pioneer	50.00	2.40
Interfibe FT or Interfibe FTP	45.00	3.34
Water	83.30	10.00
Minugel FG	20.00	1.00
Silica Sand, 40 mesh	150.00	6.80
TOTALS	1136.80	107.09

CONSTANTS

Weight, lbs./gal	10.62
Solids, % Weight	64.00
Solids, % Volume	54.00
Binder/Filler Ratio	1.5/1(wt)@ Full Dry
Viscosity, KU @ 25% Dil.	100 to 150

The data included represent typical product characteristics. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed to in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

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