PRODUCT DESCRIPTION & BENEFITS
AsPen RT is a clay-stabilized, mineral filled coal tar emulsion designed to replenish the binder lost through oxidation, weathering, and aging. AsPen RT provides additional resistance to gasoline oils and chemicals. AsPen’s deep, rich black color gives old, oxidized pavement a “like-new” surface that melts snow and ice faster, and reduces cleaning and maintenance costs.

USES
AsPen RT is ideal for sealing, and waterproofing all asphalt pavements including, but not limited to the following: secondary roads, highway shoulders, roadways, airports runways and taxiways, private streets, and more.

COMPOSITION
AsPen RT is a clay-stabilized coal tar emulsion fortified with special surfactants to promote superior absorption into the pavement surface.

SIZES
AsPen RT is available in 4,000 gallon bulk tankers, 55-gallon drums, and 5-gallon pails.

COLOR
AsPen RT dries to a deep, rich black color.

LIMITATIONS
AsPen RT shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

TECHNICAL DATA
ASTM Test Methods:
- D-140 Sampling of Bituminous Materials
- D-466 Methods of Testing Film Deposits from Bituminous Emulsions
- D-490 Standard Specifications for Road Tar
- 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

ENVIRONMENTAL CONSIDERATIONS
AsPen RT does not contain asbestos. AsPen RT is an environmentally friendly water based pavement sealer containing less than 50 grams per liter volatile organic content (VOC).

PHYSICAL/CHEMICAL PROPERTIES
AsPen RT is a clay-stabilized coal tar emulsion surface sealer that meets the following material requirements when tested in accordance with ASTM D 140, ASTM D 466, ASTM D 490, ASTM B 117, ASTM D 529, ASTM D 2939, and ASTM D 244 procedures: (see chart below).

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
<th>Passes</th>
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</thead>
<tbody>
<tr>
<td>Material</td>
<td>Material shall be homogenous and show no separation or coagulation that cannot be overcome by moderate stirring</td>
<td>PASSES</td>
</tr>
<tr>
<td>Chemical &amp; Physical Analysis</td>
<td></td>
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<tr>
<td>Non Volatile %</td>
<td>44-48% Min.</td>
<td>PASSES</td>
</tr>
<tr>
<td>Ash Non Volatiles %</td>
<td>28-32%</td>
<td>PASSES</td>
</tr>
<tr>
<td>Solubility of Non Volatiles in CS2 %</td>
<td>20% Min.</td>
<td>PASSES</td>
</tr>
<tr>
<td>Specific Gravity 25°C</td>
<td>1.13 Minimum</td>
<td>PASSES</td>
</tr>
<tr>
<td>Drying Time</td>
<td>30 Min. to 1 Hr. (under ideal conditions)</td>
<td>PASSES</td>
</tr>
<tr>
<td>Adhesion &amp; Resistance to Water</td>
<td>No Penetration or Loss of Adhesion</td>
<td>PASSES</td>
</tr>
<tr>
<td>Resistance to Heat</td>
<td>No Blistering or Sagging</td>
<td>PASSES</td>
</tr>
<tr>
<td>Flexibility</td>
<td>No Cracking or Flaking</td>
<td>PASSES</td>
</tr>
</tbody>
</table>

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.

METHODS
AsPen RT may be applied with standard bituminous distributors or other sealcoating equipment. Small spray tips (similar to those used for fog sealing) should be used. Application equipment should be capable of recirculating or agitating the product to maintain homogeneous consistency of AsPen RT mixture throughout the application process. Hand squeegees and brushes are acceptable for use in areas where practicality prohibits the use of mechanized equipment.

MIXING PROCEDURES
For optimum results AsPen shall be mixed in accordance with the following mix design (based on 100 gallons for ease of calculation):
- AsPen .................. 100 gallons
- Water ................... 50 gallons

APPLICATION
AsPen is designed to be applied with standard sealcoat spray equipment. At the ideal application rate, the applied material should completely soak into the pavement without leaving puddles of excess material. AsPen is a single coat process.
Application Rate of Mixed AsPen: At the ideal application rate, the applied material should completely soak into the pavement without leaving puddles of excess material. AsPen RT is a single coat process.

ESTIMATING MATERIAL REQUIREMENTS
To estimate gallons of AsPen RT required to cover a specific area, use the following coverage rate:
• One gallon of AsPen RT will cover approximately 75 to 115 square feet (8.33 to 12.77 square yards) per coat when properly mixed and applied.

PACKAGING AND AVAILABILITY
AsPen® RT is available in 5-gallon pails, 55-gallon drums and bulk tanker load quantities. AsPen® is supported by a national network of SealMaster manufacturing facilities along with a national network of qualified applicators.

WARRANTY AND DISCLAIMER
The statements made on this technical data 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.