ACRYLIC MODIFIED ASPHALT EMULSION

DESCRIPTION:
- A homogenous, elastomeric blend of selected petroleum bitumen, water, acrylic co-polymers and mineral stabilizers.
- Manufactured using a state of the art, colloid milling process to ensure a smooth, uniform consistency.

FEATURES:
- Can be applied by brush, squeegee or airless spray equipment.
- Excellent UV resistance and capable of withstanding thermal shocks and stresses without failure.
- Cures to a tough, flexible protective barrier that resists “alligator” cracking and chemical attack.
- Compatible with EPS insulation, metal substrates and asphalt systems.
- Non-Asbestos and Zero Volatile Organic Compounds (VOC)
- ASTM D1227, Type III, Class I & D1187, Type I

USES:
- As a protective coating over smooth asphalt roofs, metal roofs and cured solvent borne primers and coatings.
- With reinforcing fabrics over medium to severely alligatored asphalt flood coats.
- Dampproofing of masonry and concrete surfaces.

APPLICATION:
- Ready to apply. Do not heat. Do not thin.

SURFACE PREPARATION:
- All work surfaces must be clean, damp or dry, but free of standing water, free of dirt, dust, debris, oils, loose and/or embedded gravel, un- adhered coatings, deteriorated membranes, and other contaminants that may result in a surface that is not sound.
- All necessary repairs must be completed before application to ensure optimum performance.
- Extremely dusty or dry surfaces should be primed with Fortress® # 5302 Asphalt Primer or Fortress® #5085 HydroPrime™ 200.

APPLICATION DIRECTIONS (Reinforced):
- Apply to the properly prepared surface at a rate of 1-2 gallons per square. Embed the first ply of Fortress® reinforcement (starter course), brushing the reinforcement into the adhesive. Assure that the reinforcement conforms to surface and no bridging or fish mouthing occurs.
- Apply another coat of adhesive and embed the second course of reinforcement, overlapping the reinforcements in accordance with the appropriate spacing for the desired number of plies to be obtained.
- After the final ply, apply the adhesive at a rate of 1-2 gallons per square before surfacing.

APPLICATION DIRECTIONS (Non-reinforced):
- Apply to the prepared surface at a rate of 2-4 gallons per square.
- To avoid pinholes and ensure maximum performance, application of two coats, each at 1/2 the total coverage rate and applied perpendicular to one another, are recommended.

APPLICATION PRECAUTIONS:
- DO NOT use with or on 100% rubber or plastic substrates.
- DO NOT use on or with products containing coal tar.
- DO NOT apply to areas that pond water.
- DO NOT apply if temperatures are expected to fall below 45 ºF or rain or heavy dew is expected, within 24 hours of application.
- DO NOT use where this product may come in contact with potable water.
- DO NOT THIN.
- DO NOT FREEZE

CLEAN UP:
- Immediately rinse/flush equipment and tools with mineral spirits after use, exercising all flammable liquid precautions.
- Use waterless hand cleaner on skin.

TYPICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wt/gal, lbs.</td>
<td>D6511</td>
<td>8.3-8.7</td>
</tr>
<tr>
<td>Solids, % by wt.</td>
<td>D6511</td>
<td>48-52</td>
</tr>
<tr>
<td>% by vol.</td>
<td></td>
<td>48-52</td>
</tr>
<tr>
<td>Viscosity, cps</td>
<td>Brookfield, RVT</td>
<td>6500-10000</td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td>6.2-7.2</td>
</tr>
<tr>
<td>Flash Point, °F</td>
<td>PMCC</td>
<td>None</td>
</tr>
<tr>
<td>Color, Cured</td>
<td>Visual</td>
<td>Black</td>
</tr>
<tr>
<td>Drying time, Touch</td>
<td>70 °F/50% R.H.</td>
<td>1-2 hours</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>70°F/50% R.H.</td>
<td>1 year</td>
</tr>
<tr>
<td>VOC</td>
<td>EPA Method 24A</td>
<td>zero</td>
</tr>
</tbody>
</table>

PACKAGING:
- 5-gallon pails (45 lbs.) and 55-gallon drums (507 lbs.)

SPECIFICATION COMPLIANCES:
- ASTM D1227, Type III, Class I & D1187, Type I

SAFETY AND ENVIRONMENTAL PRECAUTIONS:
- CONSULT MATERIAL DATA SAFETY SHEET FOR DETAILED HANDLING AND DISPOSAL