TECHNICAL DATA

MODIFIED BITUMEN CEMENT

DESCRIPTION:
- An SBS polymer modified, heavy bodied adhesive designed especially for vertical installations of modified bitumen membranes.
- Prepared from select asphalts, aliphatic solvents, SBS rubbers, tackifiers, non-asbestos fillers and reinforcing fibers.
- Available in winter, and summer grade consistencies, to facilitate application during weather extremes.

FEATURES:
- Resistant to chemical and ultraviolet attack.
- Resists flow at high roof top temperatures.
- Climate formulated for year round applications.
- Meets current VOC requirements.
- Non-Asbestos.
- Cold applied with a trowel and cures to a tough, durable protective barrier.
- ASTM D4586, D3409

USES:
- Vertical details modified bitumen membranes.
- Tie-offs at the end of the day’s work, to repair bare spots, blisters, ruptures and splits.
- Can be used to seal around skylights, vent pipes or other roof top projections.

APPLICATION:
- Ready to apply. Do not heat. Do not thin.
- In cold weather, store product at 70-80 °F for 24 hours prior to application or use an OSHA approved pail/drum heater.

SURFACE PREPARATION:
- All surfaces must be clean, free of heavy dirt, dust, debris, oils, loose gravel, un-adhered coatings, loose, scaling rust, deteriorated membranes, and other contaminants that may result in a surface that is not sound.
- Surface must be free of frost, snow and ice.
- Aggregate must be spud away to provide a proper work surface.
- Fasteners must be repaired and/or replaced as needed.
- If a primer is required, use Fortress® #5302 Asphalt Primer.

APPLICATION DIRECTIONS:
- Trowel a layer of cement, approximately 1/8 to 1/4 inch thick onto the prepared surface. If making a repair, extend the cement four inches beyond the affected area.
- Embed the reinforcing fabric/membrane into the wet cement, using sufficient force to ensure adequate contact/wetting. Conform the fabric/membrane to the surface.
- Do not allow the fabric/membrane to bridge the surface or “fish mouth”.
- On repairs, surface the repair area with another layer of cement, 1/8 to 1/4 inch thick.

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 use on torch applied APP membranes with the “burn away” plastic release films.
- DO NOT use where this product may come in contact with potable water.
- DO NOT THIN.
- EXTERIOR USE ONLY.

CLEAN UP:
- Immediately rinse/flush equipment and tools with an OSHA approved solvent 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>8.3-8.8</td>
</tr>
<tr>
<td>Solids, % by wt.</td>
<td>D6511</td>
<td>70-75</td>
</tr>
<tr>
<td>% by vol.</td>
<td></td>
<td>67-72</td>
</tr>
<tr>
<td>Viscosity, cps</td>
<td>Brookfield</td>
<td>1-1.5 MM</td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point, °F</td>
<td>PMCC</td>
<td>105 min.</td>
</tr>
<tr>
<td>Color, uncured &amp; cured</td>
<td>Visual</td>
<td>Black</td>
</tr>
<tr>
<td>Drying time, Touch</td>
<td>70 °F/50% R.H.</td>
<td>8 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>300 gm/liter max.</td>
</tr>
</tbody>
</table>

PACKAGING:
- 5-gallon pails (45 lbs.)

SPECIFICATION COMPLIANCES:
- ASTM D4586, D3409

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

The Brewer Company
30060 Lakeland Blvd., Wickliffe, OH 44092-1745
Rev. 3/03

PH: (800) 394-0086 or (440) 944-3800 FX: (440) 944-1492
Copyright © 2002 The Brewer Company