Ram Aluminum Clad Modified Bitumen Cap Sheet

**PRODUCT DESCRIPTION**
Ram Aluminum Clad Modified Bitumen Cap Sheet is a SBS polymer-modified, fiberglass scrim reinforced, modified bitumen membrane with an aluminum skin surface. The polymer modification enhances this product's elongation, elastic and flexibility properties underlying the metal surface. The high strength fiberglass reinforcement gives the composite membrane excellent tensile strength, toughness, puncture and tear resistance necessary to accommodate typical rooftop exposures. Elimination of ultra-violet rays to the bitumen is 100 percent. Damage caused by foot traffic is lessened and the solar reflectivity is very high, exceeding Energy Star® requirements.

This heavy-duty membrane is utilized as a built-up roof and base flashing cap sheet. Ram Aluminum Clad Modified Bitumen Cap Sheet can be installed in hot asphalt, SEBS and SBS modified bitumens or approved cold applied adhesives and mastics.

Ram Aluminum Clad Modified Bitumen Cap Sheet is a UL Class A fire rated system component.

**FEATURES**
- High reflectivity
- High fire resistance
- Compound stability
- Traditional installation with elastomeric BUR systems

**BENEFITS**
- UL quality assurance program
- Flexibility makes installation easier
- Polymer modification reduces potential for thermal stress
- Superior traffic, abrasion and puncture resistance
- Adapts to extreme temperature ranges
- Compatible with all Barrett hot and cold applied adhesives

**TYPICAL PHYSICAL PROPERTIES PER ASTM D 6298**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>RAM Aluminum Clad M•B Cap Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Properties</td>
<td>MD</td>
</tr>
<tr>
<td>Tensile – Max Load at 0 +/- 3.6º F lbf/ln</td>
<td>200 175</td>
</tr>
<tr>
<td>Elongation at 0 +/- 3.6 º F %</td>
<td>12 10</td>
</tr>
<tr>
<td>Tensile – Max Load at 73.4 +/- 3.6º F lbf/ln</td>
<td>136 134</td>
</tr>
<tr>
<td>Elongation at 73.4 +/- 3.6 º F %</td>
<td>8 8</td>
</tr>
<tr>
<td>Tear Strength at 73.4 +/- 3.6º F lbf/ln</td>
<td>130 130</td>
</tr>
<tr>
<td>Low Temperature Flex º F max</td>
<td>-15 -15</td>
</tr>
<tr>
<td>Dimensional Stability % max</td>
<td>&lt;0.2 &lt;0.2</td>
</tr>
<tr>
<td>Compound Stability Temp F</td>
<td>225 225</td>
</tr>
</tbody>
</table>

*Minimum values before and after heat conditioning.*

**APPLICATION GUIDELINES**
When installing Ram Aluminum Clad Modified Bitumen Cap Sheet, press the sheet into the hot bitumen or mastic adhesive, making sure that it is totally adhered to its substrate. Wrinkles, buckles, fishmouths, etc. are to be cut out and repaired. End laps shall be minimum 6 inches and side laps shall be 3 inches.

Care should be taken to avoid getting adhesive on the surface of the sheet. Clean off any excess adhesive with approved cleaner and flush with clean water.

**STORAGE**
All material should be stored on end with its original label and out of the weather. If this material is to be stored on the roof, it is to be stored on end, elevated off the roof's surface and covered with an opaque, breathable and waterproof cover.
PACKAGING
Thickness 160 mils (4 mm)
Roll width 39 inches
Roll length 33 ft.
Roll size 107 sq.ft.
Net coverage 100 sq. ft.
Roll weight (per 100 sq.ft.) 95 lbs. (approx.)
Pallet size 48” x 48”
Rolls per pallet* 25
Weight per pallet 2375 lbs. (approx.)
*Rolls stocked upright on pallet

APPLICATION PRECAUTIONS
• For exterior use only
• Do not apply to wet or damp surfaces
• Follow recommended application temperature
• Do not torch apply
• Should be installed on decks with positive drainage
• Avoid contact with petroleum products, oils, grease, animal fats and other foreign materials which could affect this products performance.
• Do not smoke or expose to open flames during application
• Not for use with potable water collection systems.
• READ MATERIAL SAFETY DATA SHEET BEFORE USING
• FOR PROFESSIONAL ROOFING CONTRACTOR USE ONLY.

PRODUCT SAFETY INFORMATION
RAM Aluminum Clad M-B Cap Sheet offers no unusual health or safety risks for a product of this nature. As with any roofing process, proper ventilation, clothing and eye protection is important.

For specific information, contact the Barrett Company for a current Material Safety Data Sheet on this product.

The user should not assume that all safety measures are indicated or that other measures may not be required.

Note
All statements, information and data given herein are believed to be accurate and reliable, but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated herein. Statements or suggestions concerning possible uses of our products are made without representation or warranty that any such use is free of patent infringement and are not recommended to infringe any patent.