MB Base

Meets or exceeds performance requirements of ASTM D 4601, Type II

Product Information

Description:
Firestone MB Base Sheet is high-performance roofing base sheet, which is asphalt impregnated and coated and has a glass fiber mat reinforcement. It has been designed to provide superior durability and ease of installation in asphalt roofing systems.

By using only pure roofing grade asphalt, with little or no fillers, Firestone MB Base Sheet offers better flexibility and workability than typical heavily filled base sheets. Firestone MB Base Sheet may be used as a base ply in SBS, APP Modified Bitumen and Built-Up Roofing Systems.

Product Packaging

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Roll (3 Squares)</td>
<td>W70RAC8500</td>
</tr>
</tbody>
</table>

Roll Width: 3' 3" (1 m)  
Pallet Size: 51" x 39" (1.3 m x 1 m)

Roll Length: 98' 8" (30.1 m)  
Rolls Per Pallet: 25

Net Coverage: 300 ft² (27.5 m²)  
Weight per Pallet: 1,925 lb (873 kg)

Roll Weight: 75 lb (34 kg)

Method of Application:
1. MB Base Sheet shall be installed with Firestone fasteners and insulation plates, conventional hot asphalt, or Firestone MB Cold Adhesive.
2. When installed with cold adhesive, this membrane must be applied using Firestone MB Cold Adhesive (or other approved Firestone Cold Adhesive). Use of non-Firestone adhesives will void all warranties and may cause damage to the membrane.
3. Please see the BUR Design and Application Guide at www.firestonebpco.com for detailed application information.

Storage:
- All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 50 ºF (10 ºC) and a maximum of 100 ºF (38 ºC) so that it will be 50 ºF (10 ºC) or above at the time of application.
- Do not stack Firestone MB Base membrane more than two (2) pallets high.
- If the material must be stored temporarily on the roof before application, it must be elevated from the roof surface on a pallet, stored on end, and covered from the weather with a light colored opaque tarp in a neat, safe manner that does not exceed the allowable load limit of the storage area.

Precautions:
- For safety information, refer to the Safety Data Sheet (SDS) for BUR Membranes and Flashing.
- Take care when transporting and handling Firestone BUR rolls to avoid punctures and other types of physical damage.
- Isolate waste products, petroleum products, grease, oil (mineral and vegetable) and animal fats from all Firestone membranes.
MB Base

Performance Advantages:
- The glass fiber mat provides high tensile strength and excellent dimensional stability.
- Meets the criteria for an Underwriters Laboratories (UL) G-2 base sheet.
- Approved for use in Factory Mutual tested roofing assemblies.
- Designed for use in all climatic zones.

LEED® Information:
Post Consumer Recycled Content: 0%
Post Industrial Recycled Content: 0%
Manufacturing Location: Tuscaloosa, AL

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Typical Properties
(Meets ASTM D 4601, Type II)

<table>
<thead>
<tr>
<th>Property</th>
<th>ASTM Standard</th>
<th>ASTM Standard Required Value</th>
<th>Typical Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Thickness:</td>
<td>D 5147</td>
<td>N/A</td>
<td>55.0 mil (1.4 mm)</td>
</tr>
<tr>
<td>Net Dry Mass – Coated Sheet, min.:</td>
<td>D 228</td>
<td>14.5 lb/100 ft² (708 g/m²)</td>
<td>23.3 lb/100 ft² (1,122.9 g/m²)</td>
</tr>
<tr>
<td>Moisture at Time of Manufacture, max.:</td>
<td>D 146</td>
<td>1%</td>
<td>0.7%</td>
</tr>
<tr>
<td>Mass of Desaturated Glass Mat, min.:</td>
<td>D 228</td>
<td>1.7 lb/100 ft² (83 g/m²)</td>
<td>1.9 lb/100 ft² (93 g/m²)</td>
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<tr>
<td>Surfacing and Stabilizer, max.:</td>
<td>N/A</td>
<td>65%</td>
<td>42%</td>
</tr>
<tr>
<td>Asphalt, min.:</td>
<td>D 228</td>
<td>7 lb/100 ft² (342 g/m²)</td>
<td>11.6 lb/100 ft² (566.4 g/m²)</td>
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<tr>
<td>Ash, (Glass Mat Only):</td>
<td>D 228</td>
<td>70 to 88%</td>
<td>75.0%</td>
</tr>
<tr>
<td>Breaking Strength, min.:</td>
<td>D 146</td>
<td>44 lbf/in MD (7.7 kN/m)</td>
<td>55.1 lbf/in (9.6 kN/m)</td>
</tr>
<tr>
<td>Pliability, ½&quot; (13 mm) Radius</td>
<td>D 146</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Please contact Quality Building Services Technical Department at 1-800-428-4511 for further information.

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