DIBITEN APP Modified Bitumen Membrane

Since 1985, DIBITEN has been producing a superior line of APP modified bitumen membranes for the residential and commercial construction market, including DIBITEN Poly/4, DIBITEN Poly/5 and DIBITEN Poly/4.5 with slate surfaced finishes. It continues to produce superior results by adding a cool roof granulated option when needed for white reflective roofing.

DIBITEN is a superior APP modified bitumen membrane reinforced with a high-quality nonwoven polyester mat and is one of the finest heat weld applied modified bitumen membranes ever produced not only for residential roofing but for commercial and industrial roofing as well.

DIBITEN roofing systems are backed by a manufacturer’s non-prorated labor and material guarantee for up to 20 years, depending upon the specification used.

PRODUCT TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>DIBITEN Poly/4 Smooth</th>
<th>DIBITEN Poly/4.5 Slate</th>
<th>DIBITEN Poly/4.5 FR* Slate</th>
<th>DIBITEN Poly/5 Smooth</th>
<th>DIBITEN Poly 4.5 CR G</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Type</strong></td>
<td>APP</td>
<td>APP</td>
<td>APP</td>
<td>APP</td>
<td>APP</td>
</tr>
<tr>
<td><strong>Application Method</strong></td>
<td>Heat Weld</td>
<td>Heat Weld</td>
<td>Heat Weld</td>
<td>Heat Weld</td>
<td>Heat Weld</td>
</tr>
<tr>
<td><strong>Reinforcement</strong></td>
<td>Polyester</td>
<td>Polyester</td>
<td>Polyester</td>
<td>Polyester</td>
<td>Polyester</td>
</tr>
<tr>
<td><strong>Roll Weight (Nominal)</strong></td>
<td>88 lb</td>
<td>99 lb</td>
<td>99 lb</td>
<td>88 lb</td>
<td>108 lb</td>
</tr>
<tr>
<td><strong>Roll Length (Nominal)</strong></td>
<td>10 m (approx. 33')</td>
<td>10 m (approx. 33')</td>
<td>10 m (approx. 33')</td>
<td>8 m (approx. 26')</td>
<td>10 m (approx. 33')</td>
</tr>
<tr>
<td><strong>Roll Width (Nominal)</strong></td>
<td>1 m (approx. 39')</td>
<td>1 m (approx. 39')</td>
<td>1 m (approx. 39')</td>
<td>1 m (approx. 39')</td>
<td>1 m (approx. 39)</td>
</tr>
<tr>
<td><strong>Product Thickness (Nominal)</strong></td>
<td>4.0 mm</td>
<td>4.5 mm</td>
<td>4.5 mm</td>
<td>5.0 mm</td>
<td>4.5 mm</td>
</tr>
<tr>
<td><strong>Surface Color</strong></td>
<td>Black</td>
<td>Variety Available</td>
<td>White</td>
<td>Black</td>
<td>Bright White</td>
</tr>
<tr>
<td><strong>Surface Finish</strong></td>
<td>Talc</td>
<td>Slate Flakes</td>
<td>Slate Flakes</td>
<td>Talc</td>
<td>Granules</td>
</tr>
<tr>
<td><strong>Gross Area Per Roll (approx.)</strong></td>
<td>107.6 ft²</td>
<td>107.6 ft²</td>
<td>107.6 ft²</td>
<td>86.1 ft²</td>
<td>107.6 ft²</td>
</tr>
<tr>
<td><strong>Net Coverage (approx.)</strong></td>
<td>95 ft²</td>
<td>95 ft²</td>
<td>95 ft²</td>
<td>76 ft²</td>
<td>95 ft²</td>
</tr>
<tr>
<td><strong>Rolls Per Pallet</strong></td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

*This is a special order product. Contact your DIBITEN sales representative about availability and lead time.

Note: Final choice of colors should be made from comparison with physical samples.
SLATE GRANULES VS. MINERAL GRANULES

Advantages

- Imported European slate surfacing
- Superior adhesion
- Slate granules lay flat, providing additional compound for easy application (more forgiving)
- Available in a wide range of colors
- Easily matches or compliments existing shingle or cap sheet roofs
- Lighter weight

DIBITEN granular surfaced membranes are available in a wide range of colors and are only surfaced with slate. These membranes easily match or complement existing shingle or cap sheet roofs. DIBITEN Poly/4.5 Slate is made with imported slate flakes in a variety of colors.

PRODUCT TEST DATA

<table>
<thead>
<tr>
<th></th>
<th>DIBITEN Poly/4 Smooth</th>
<th>DIBITEN Poly/4.5 &amp; 4.5 FR Slate</th>
<th>DIBITEN Poly/5 Smooth</th>
<th>DIBITEN Poly/4.5 CR G</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Load Strain Properties</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>4.0 mm 0.160&quot;</td>
<td>4.5 mm 0.180&quot;</td>
<td>5.0 mm 0.200&quot;</td>
<td>4.5 mm 0.180&quot;</td>
</tr>
<tr>
<td><strong>Load Elong.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>@ 73.4 °F</td>
<td>MD 110 CD 75 50%</td>
<td>MD 110 CD 75 50%</td>
<td>MD 125 CD 85 50%</td>
<td>MD 100 CD 67 51%</td>
</tr>
<tr>
<td>@ 0 °F</td>
<td>MD 220 CD 150 22%</td>
<td>MD 220 CD 150 21%</td>
<td>MD 240 CD 200 22%</td>
<td>MD 133 CD 107 12%</td>
</tr>
<tr>
<td><strong>Tear Resistance (lb)</strong></td>
<td>MD 105 CD 75</td>
<td>MD 105 CD 75</td>
<td>MD 118 CD 95</td>
<td>MD 114 CD 85</td>
</tr>
<tr>
<td><strong>Dimensional Stability</strong></td>
<td>MD ≤ 0.50% CD ≤ 0.20%</td>
<td>MD ≤ 0.50% CD ≤ 0.20%</td>
<td>MD ≤ 0.50% CD ≤ 0.20%</td>
<td>MD ≤ 0.20% CD ≤ 0.05%</td>
</tr>
<tr>
<td><strong>Low Temperature Flex</strong></td>
<td>14°F</td>
<td>23°F</td>
<td>14°F</td>
<td>32°F</td>
</tr>
</tbody>
</table>

• DIBITEN APP Modified Bitumen membranes meet or exceed the criteria for ASTM 6222, Type I, Grades G (Slate Surfaced) and S (Smooth).

• UL Class A, R 10167 fire ratings.
DIBITEN ROOFING MEMBRANES
Ideal for Residential, Commercial and Industrial Roofing Applications

DIBITEN Poly/4 APP (Heat Welded)

DIBIFLASH APP

Dibiflash is a precut, smooth surfaced APP flashing membrane. Precut Dibiflash saves time and labor on larger jobs. Product data is as follows:

<table>
<thead>
<tr>
<th>Roll Thickness</th>
<th>Roll Weight</th>
<th>Rolls Per Pallet</th>
<th>Weight Per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 3/4&quot; 3 mm</td>
<td>18 lb</td>
<td>100</td>
<td>1850 lb</td>
</tr>
<tr>
<td>9 3/4&quot;</td>
<td>22 lb</td>
<td>80</td>
<td>1850 lb</td>
</tr>
</tbody>
</table>

NOTE: DIBITEN roofing products are intended for use by professional roofers only, thoroughly trained and skilled in the use and handling of heat-welding equipment. If this product is to be heat weld, it represents a potential fire hazard. It is the sole responsibility of the applicator to exercise all appropriate safety precautions. DIBITEN assumes no responsibility for fire damage or any other result of misapplication.