Two-Ply Mechanically Attached and Heat-Welded Modified Bitumen Mineral-Surfaced Roofing System. For use over Johns Manville (JM) insulation or approved decks on inclines up to 6" per ft (300 mm/m).

Materials per 100 ft² (9.29 m²) of roof area

Base:
DynaLastic 180 S 1 layer

Cap:
DynaWeld Cap FR CR 1 layer

Approximate installed weight: 190 - 210 lb (86 - 95 kg)

Energy and the Environment

<table>
<thead>
<tr>
<th></th>
<th>Initial</th>
<th>3-Yr. Aged</th>
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<tbody>
<tr>
<td>Solar Reflectance</td>
<td>0.76</td>
<td>0.61</td>
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<tr>
<td>Thermal Emittance</td>
<td>0.85</td>
<td>0.92</td>
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Approved Insulation

Fasteners

Heat-Welded

5" Lap

Fastener Plates Buried in Heat-Welded Lap

Heat-Welded Full Sheet

Full Sheet

5" Lap

4" Lap

1/2 Sheet - 19 3/16" Full Sheet

Full Sheet

5" Lap

Fasteners

Heat weld the side and end laps. Using a propane torch, apply the flame to the surface of the lap only of the coiled portion of the top sheet as it is laid out. Torch across the lap portion only of the roll. The generation of smoke is an indication that the material is being overheated.

Subsequent sheets are to be applied in the same manner, with 5' (127 mm) side laps and 6' (153 mm) end laps over the preceding sheets.

Cap Sheet Application

Heat weld a full width piece of the cap sheet over the installed base sheet. Subsequent sheets are to be applied in the same manner, with 4’ (102 mm) side laps and 4’ (102 mm) end laps over the preceding sheet.

Apply all sheets so that they are firmly and uniformly set, without voids. Using a propane torch, apply the flame to the surface of the coiled portion of the roll. Torch across the full width of the roll and along the lap area. As the surface is heated, it will develop a sheen and the burn-off will disappear. The generation of smoke is an indication that the material is being overheated. Repeat the operation with subsequent rolls, maintaining proper side and end laps. A healthy compound flow will simplify seaming the laps. All laps must be checked for good adhesion.

For special precautions for heat-weld applications, see Paragraph 31.0 of Section 3d of the JM Industrial/Commercial Roofing Systems Manual.

Finishing

It is important to be careful with scorch marks when applying the coated SBS sheets on the roof. However, if scorch marks are a concern of the building owner, consultant or applicator, then the marks could be dressed up with coating to give the roof surface a uniform white appearance. This is an optional step. JM recommends using a heavy nap roller, in a 4’ (102 mm) width, to coat the exposed adhesive with a JM-recommended white acrylic coating.

Refer to the Material Safety Data Sheet and product label prior to using this product.