Three Ply Mechanically Attached 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 (500 mm/m).

Materials per 100 ft² (9.29 m²) of roof area

**Base:**
- Dynalastic 180 S 1 layer

**Intermediate Plies:**
- Dynaweld Base 1 layer

**Cap:**
- Dynaweld Cap FR CR 1 layer

Approximate installed weight: 185 - 270 lb (84 - 122 kg)

**Energy and the Environment**

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<tr>
<th>Solar Reflectance</th>
<th>Initial</th>
<th>3-Yr. Aged</th>
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<tbody>
<tr>
<td></td>
<td>0.76</td>
<td>0.61</td>
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<table>
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<tr>
<th>Thermal Emittance</th>
<th>Initial</th>
<th>3-Yr. Aged</th>
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<tbody>
<tr>
<td></td>
<td>0.85</td>
<td>0.92</td>
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**Intermediate and Cap Sheet Application**

Over the fastened base ply, heat weld a half width 19 3/4" (502 mm) piece of one of the intermediate plies listed with 3" (75 mm) side and 4" (102 mm) end laps. The remaining plies are to be full width, heat welded in the same manner, with 4" (102 mm) side and 4" (102 mm) end laps over the preceding sheets.

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 Commercial/Industrial 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.