SBS Hybrid Specification
2PID-SA/HW

Two-Ply Self-Adhered and Heat-Welded Modified Bitumen Mineral-Surfaced Roofing System. For use over Johns Manville (JM) insulation, approved decks or other approved insulations on inclines up to 3° per ft (250 mm/m).

Materials per 100 ft² (9.29 m²) of roof area

- **Primer (if required):** Asphalt Primer ½ to 1 gal (2 to 4 l)
- **Base Ply:**
  - DynaGrip Base SD/SA 1/2 roll
- **Cap Sheet:**
  - DynaWeld Cap 180 FR 1 roll
  - DynaWeld Cap 250 FR 1 roll

**General**

This specification is for use over Invinsa Roof Board, or other approved JM roof insulations which are not nailable and which provide a suitable surface to receive the roof. Specific written approval is required for any roof insulation that is not supplied by JM. Insulation should be installed in accordance with the appropriate JM insulation specification detailed in the JM Commercial/Industrial Roofing Systems Manual. This specification can also be used in certain re-roofing situations. Refer to the “Re-roofing” section of the JM Commercial/Industrial Roofing Systems Manual.

Design and installation of the deck and/or roof substrate must result in the roof draining freely, to outlets numerous enough and so located as to remove water promptly and completely. Areas where water ponds for more than 24 hours are unacceptable and will not be eligible for a JM Peak Advantage Guarantee.

**Note:** All general instructions contained in the current JM Commercial/Industrial Roofing Systems Manual shall be considered part of this specification.

**Flashings**

Flashings details can be found in Section 3 of the JM Commercial/Industrial Roofing Systems Manual.

**Base Sheet Application**

Starting at the low point of the roof, install a half-sheet-width piece of DynaGrip Base SD/SA over the approved substrate at the roof edge. Remove the bottom release film and roll-in the product to ensure full adhesion. Subsequent base sheets are to be applied in full width, with 4” (102 mm) side laps. Unroll the base sheet (cut to usable lengths) and allow to relax. Position the full-width base sheet, with the bottom film intact, so that the leading edge covers the 4” (102 mm) side lap of the previously installed base sheet and lines up with the perforated “go-to” line. Fold the full-width base sheet along its length and remove the release film from the 4” (102 mm) side lap of the half sheet and the corresponding release film from the bottom of the base sheet. Mate the two self-adhering surfaces from the center of the full-width base sheet to the sheet edge. Fold the other half of the base sheet back along its center and repeat the previous process. Roll the base sheet with a 75 lb to 100 lb (34 kg to 45 kg) split-wheel, weighted roller, being sure to roll across the width of the sheet first, then lengthwise, for full adhesion. The remaining base sheets are to be installed full width in the same manner.

**Surfacing**

No additional surfacing is required.

**Steep Slope Requirements**

Special procedures are required on inclines over 1½” per foot (41 mm/m). Refer to Paragraph 21.0 of Section 3d of the JM Commercial/Industrial Roofing Systems Manual.

**Drainage**

For specifications, flashing details and general installation information please refer to the System Considerations tab under Systems Introduction & Selection on the JM Roofing Web site.

Note: For the most current information on general guidelines, please refer to the System Considerations tab under Systems Introduction & Selection on the JM Roofing Web site.

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