

Specification 2PID-SA1 All Self Adhering

Two Ply Self Adhering Modified Bitumen Mineral Surfaced Roofing System. For use over Johns Manville (JM) insulation approved for self adhering products and approved decks on inclines up to 3" per foot (250 mm/m).

Materials per 100 sq. ft. (9.3 m²) of Roof Area

Primer (if required):	
JM Concrete Primer	1 gallon (3.8 liters)
Base Felts:	
DynaGrip™ Base SA/SA	1 layer
Cap:	
DynaGrip™ Cap	1 layer
Approximate installed weight: 130-150 lbs. (59-68 kgs.)	

Note: Desert climates may require high temperature formulation; contact JM representative for details.

General

This specification is for use over any type of approved structural deck which is notailable and which provides a suitable surface to receive the roof. Poured and pre-cast concrete decks require priming with JM Concrete Primer.

This specification is also for use over JM roof insulations recommended for self adhering products. Insulation should be installed in accordance with the appropriate JM Insulation Specification detailed in the JM Commercial/ Industrial Roofing Solutions Manual. This specification can also be used in certain reroofing situations. Refer to the "Reroofing" section of the JM Commercial/ Industrial Roofing Solutions Manual. This specification is not to be used directly over gypsum, either poured or pre-cast, or light-weight, insulating concrete decks or fills. Ambient temperature should be 45°F (7°C) or greater to obtain proper adhesion.

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 Roofing System Guarantee.

Flashings

Self adhering flashing details can be found in the "Bituminous Flashings" section of the JM Commercial/Industrial Roofing Solutions Manual and on the JM web site.

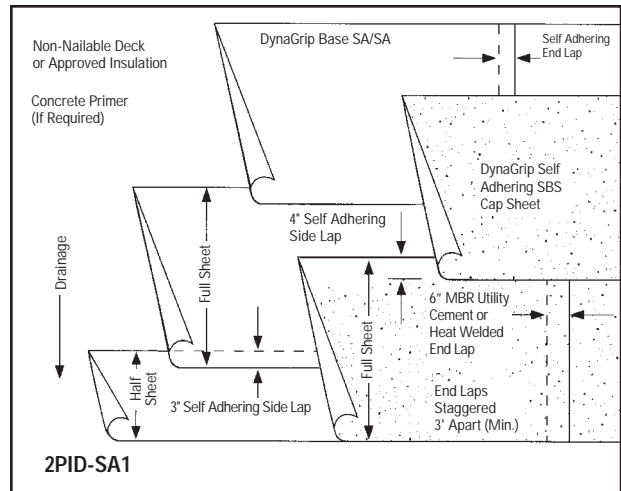
Application

On roof decks with slopes up to ½" per foot (41.6 mm/m), the modified bitumen sheets may be installed either perpendicular or parallel to the roof incline.

Apply a half width piece of DynaGrip Base SA/SA. Position first sheet, remove bottom release film and roll in product to ensure full adhesion. Leave the top release film intact until the cap sheet installation process is completed. The remaining sheets are to be applied full width, in the same manner. End laps should overlap by 6" (152 mm) and side laps should overlap by 3" (76 mm).

Cap sheet application:

- A) Unroll the cap sheet (cut to usable lengths) and allow to relax. Position the cap sheet with the bottom release film intact over the release film of the base sheet. Fold the cap sheet along its length and remove the release film from the bottom of the cap sheet and the corresponding top release film on the base sheet. Mate the two self adhering surfaces from the center of the cap sheet to the side lap. Fold the other half of the cap sheet back



along its center and repeat the previous process. Roll the cap sheet with a 75 to 100 lb (34 to 45 kg) weighted roller to ensure full adhesion. Align all subsequent cap sheets with the 4" (102 mm) side lap of the previous installed cap sheet and repeat the process as described above.

- B) Prepare the 6" (152 mm) end lap by removing all loose granules. Heat and embed all remaining granules with a hot air gun or torch. Apply heat to the 6" (152 mm) end lap making sure both have a good compound flow to adhere the two surfaces. All laps must be rolled with a rounded edge roller. A ¼" to ⅜" (3 mm to 10 mm) bleedout of SBS compound shall be visible at the edge of all seams. All laps must be checked for good adhesion.

- Or...
C) Apply MBR Utility Cement to the 6" (152 mm) end laps. Ensure full coverage and check for good adhesion.

Subsequent sheets are to be applied in the same manner.

Application of JM SBS Modified Bitumen Products may require the use of a hot air gun or torch. Improper use of these materials and application equipment can result in severe burns, and/or other physical injury, as well as damage to property. In order to prevent these situations, the mechanic must install the materials using the techniques recommended by JM and those found in "A Guide to Safety: Torch-On Modified Bitumens" available from the Asphalt Roofing Manufacturers Association. These techniques have been endorsed by the National Roofing Contractors Association and the United Union of Roofers, Waterproofers and Allied Workers.

Base sheets and cap sheets with polyester reinforcement must be allowed to relax in an unrolled position prior to installation.

Steep Slope Requirements

Special procedures are required on inclines over ½" per foot (41.6 mm/m).

Surfacing

No additional surfacing is required.

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