



August 13, 2014

RE: SAMB - Acceptable substrates

Our Specifications and website list the following approved substrates for our Self Adhering Modified Bitumen membranes. A summary listing of those substrates appears below:

- Polyisocyanurate roof insulation (felt facer only, no foil facers)
- High Density Wood Fiberboard - coated six-sides – this is the only acceptable type
- New Plywood (as a deck or overlay)
- New OSB (as a deck or overlay) must be installed with rough side up
- Dens-Deck Prime (as an overlay). Dens-Deck Prime must be primed with Mule-Hide # 121 Asphalt Primer and allowed to thoroughly dry before applying self-adhering membranes. Minimum thickness of the Dens-Deck Prime is dependent on local wind conditions. Contact Mule-Hide Technical Department for details, acceptable thicknesses and fastening patterns.
- Concrete (minimum 30-day cure) must be primed with Mule-Hide #121 asphalt primer
- Metal edge metal – must be primed with Mule-Hide #121 asphalt primer

We do not approve the use of treated wood as a deck substrate since the residual moisture content of those products could interfere with the adhesion of our materials.

'Skip' decking (boards installed with gaps between them) must have an approved overlay installed.

Any warranties issued by Mule-Hide Products would only be valid if the material is applied according to our published specifications. Use of a non Mule-Hide approved substrate will void any such warranties.

Our SAMB products can be applied on a variety of roof slopes. For slopes greater than 2" in 12", we require the product to be back nailed.

Complete specifications and details are available on the Mule-Hide Products Co., Inc website at www.mulehide.com. If you have any questions or require further assistance, please contact me at (800) 786-1492.

Sincerely,

MULE-HIDE PRODUCTS CO., INC.

Frank Kelm, RRC
Sr. Technical Services Administrator

NOTES:

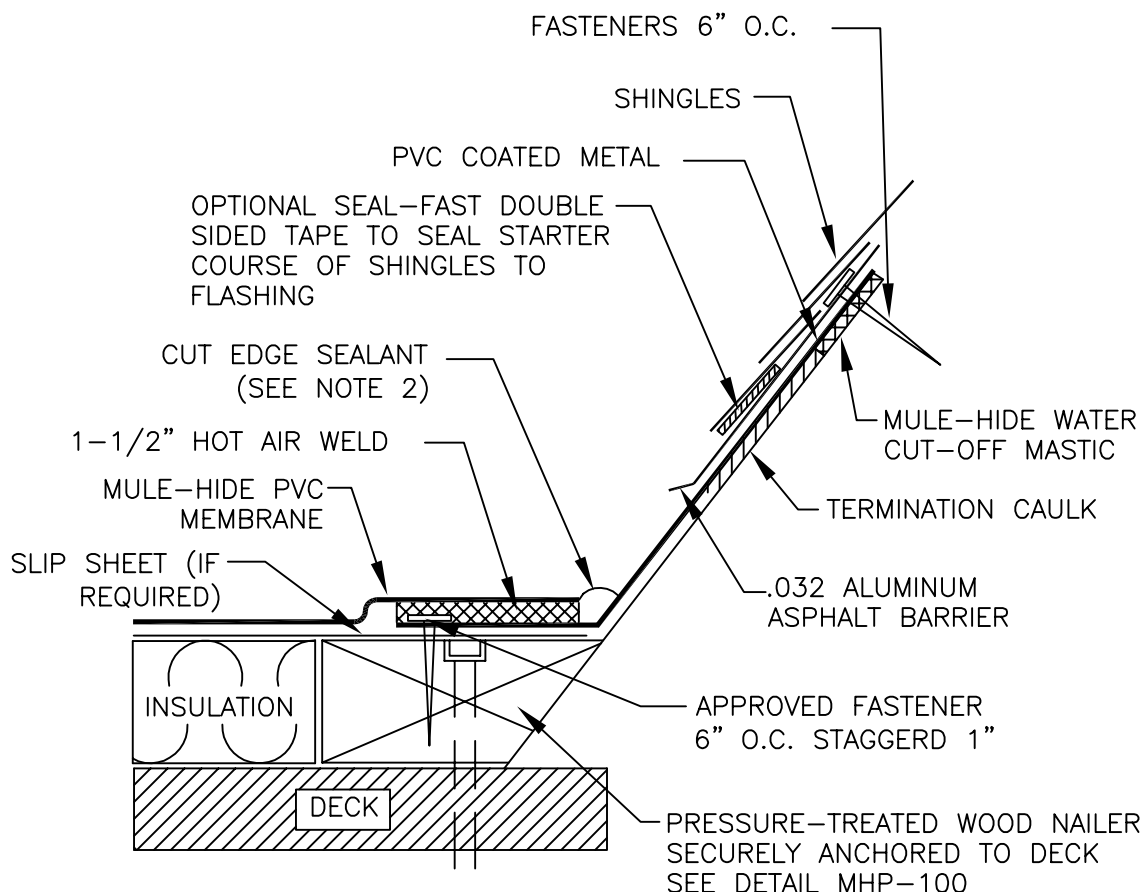
1. DETAILS TO BE USED IN CONJUNCTION WITH STANDARD GUIDE SPECIFICATIONS CONTAINING REQUIREMENTS FOR NAILERS, INSULATION, SLIPSHEETS, ETC.

2. PVC EDGE SEALANT IS REQUIRED ON ALL CUT EDGES OR NON-ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE.

3. ACCORDING TO PROJECT CONDITIONS, THE SPECIFIER AND/OR APPLICATOR MUST DETERMINE THE REQUIRED VERTICAL FLASHING HEIGHT BASED ON REGIONAL CLIMATIC CONDITIONS.

4. COATED METAL FLASHINGS MUST EXTEND UNDER A MINIMUM OF TWO (2) COURSES OF SHINGLES.

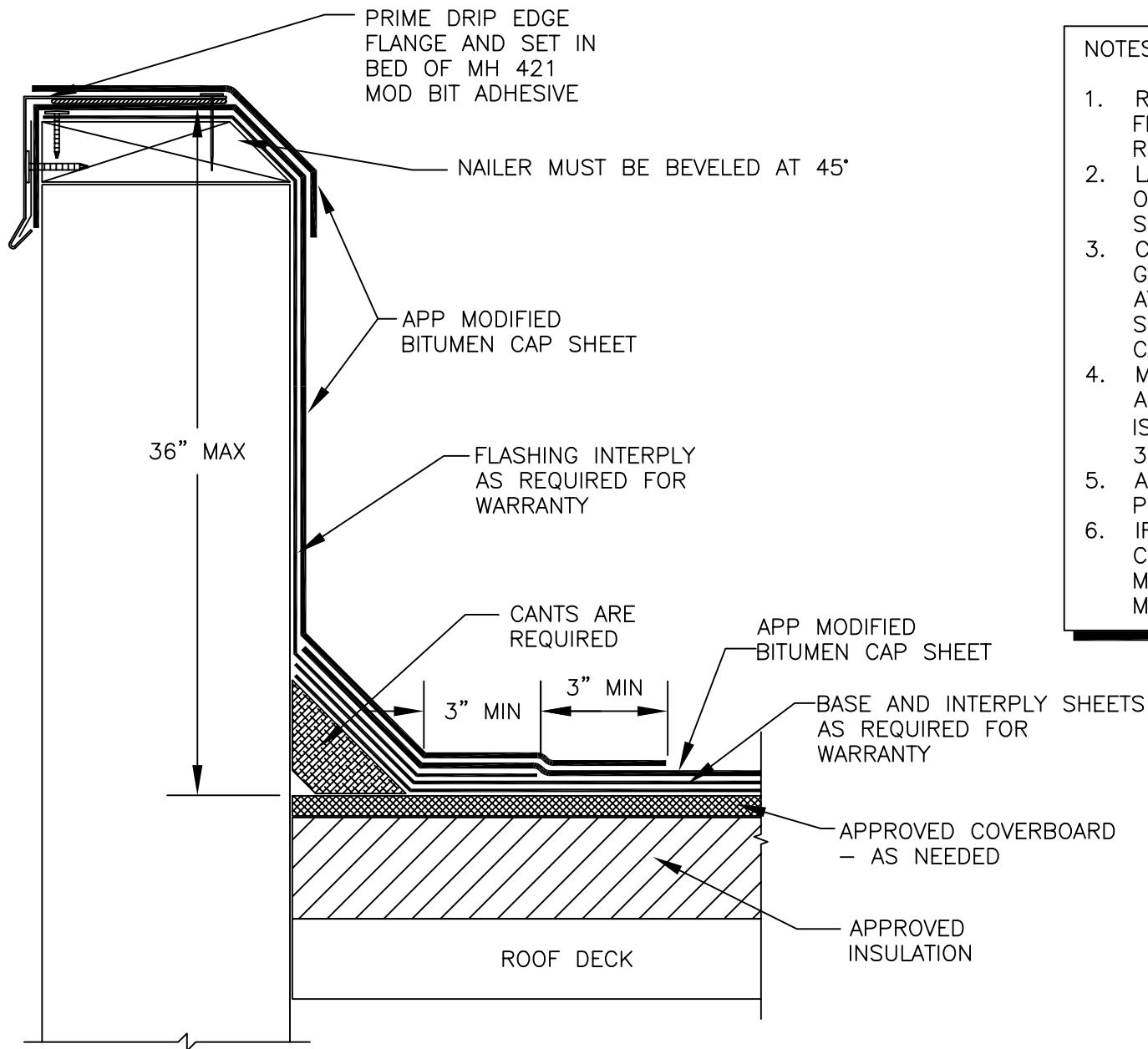
5. THE ROOFING SHEET MAY BE ATTACHED WITH APPROVED FASTENERS AND PLATES AS A BASE TIE-IN. SEE DETAIL MHP-120.



**MULE-HIDE
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10/2016**

**COATED METAL
TRANSITION TO SHINGLE ROOF
SYSTEMS:
ALL PVC**

**DETAIL NO:
MHP-161**



NOTES:

1. REFER TO SPECIFICATIONS FOR FLASHING MEMBRANE REQUIREMENTS.
2. LAPS IN FLASHING MUST BE OFFSET FROM LAPS IN FIELD SHEET.
3. CAP SHEET MUST BE HEATED AND GRANULES EMBEDDED IN SURFACE AT ALL LAPS OVER GRANULATED SURFACES WHEN INSTALLING THE CAP SHEET.
4. MAXIMUM FLASHING HEIGHT FOR APP MODIFIED BITUMEN FLASHINGS IS 36". IF WALL IS TALLER THAN 36", SEE DETAIL MHMB-UN-CW06T.
5. ALL VERTICAL SURFACES TO BE PRIMED.
6. IF FLASHING SUBSTRATE IS COMBUSTIBLE, REFER TO DETAIL MHMB-UN-CW11T OR MHMB-UN-CW02T.

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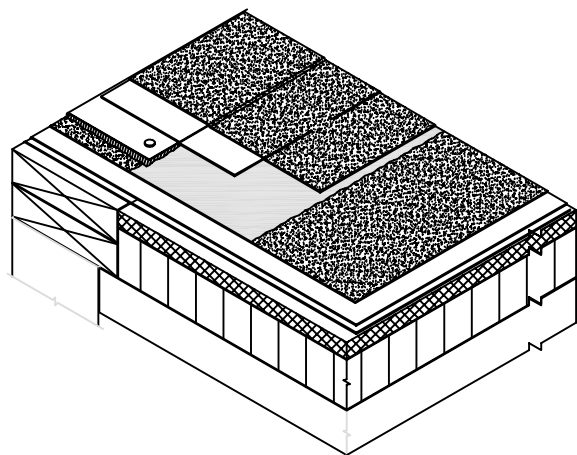
**ROOF EDGE
ON PARAPET
SYSTEMS:**

APP MODIFIED BITUMEN

DETAIL NO.:

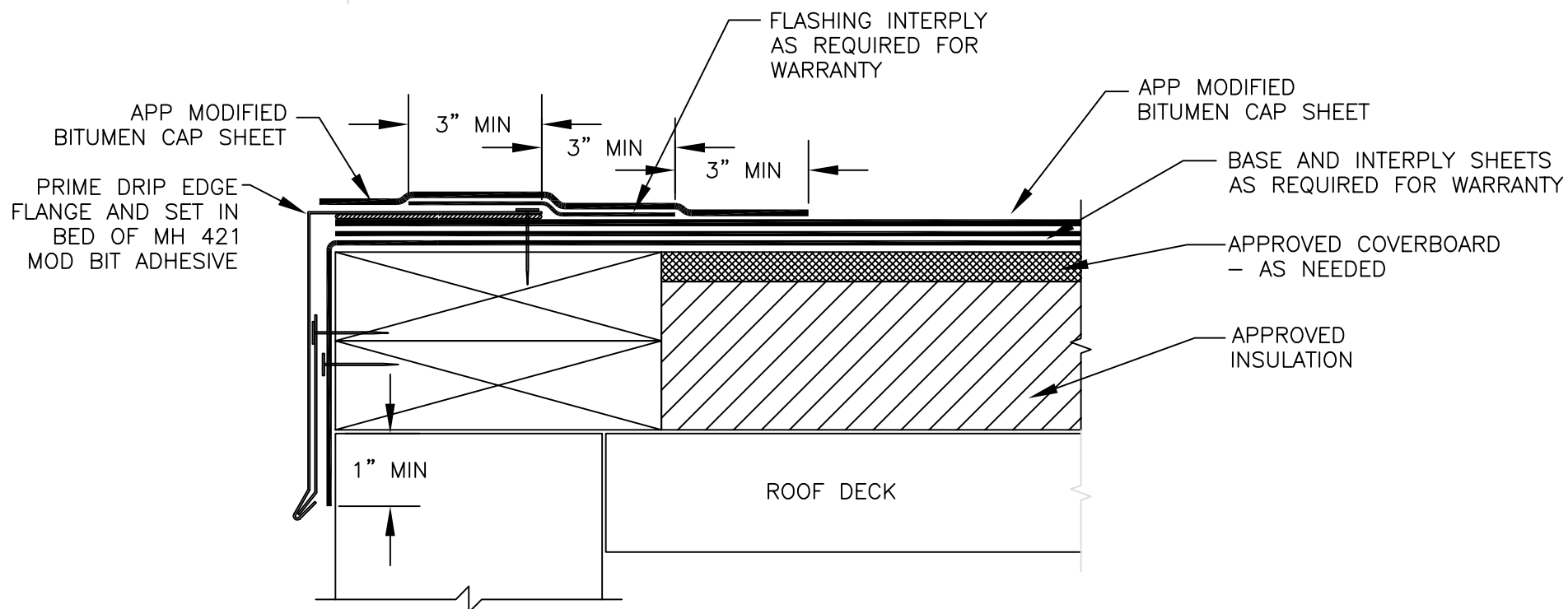
MHMB-UN-RE03T

REVISION DATE: MARCH 2015



NOTES:

1. REFER TO SPECIFICATIONS FOR FLASHING MEMBRANE REQUIREMENTS.
2. WOOD NAILERS MUST BE INSTALLED WITH PROPER FASTENERS TO MEET APPLICABLE BUILDING CODES AND EXTEND BEYOND THE METAL FLANGE.
3. CAP SHEET MUST BE HEATED AND GRANULES EMBEDDED IN SURFACE AT ALL LAPS OVER GRANULATED SURFACES WHEN INSTALLING THE CAP SHEET.



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PRODUCTS CO., INC.**

DRIP EDGE

SYSTEMS:

APP MODIFIED BITUMEN

DETAIL NO.:

MHMB-UN-RE01T

REVISION DATE: MARCH 2015