



MULE-HIDE PRODUCTS CO., INC
10 or 15 Year Warranty Design Summary
With Standard 55-MPH Wind Speed Coverage
For Mechanically Attached EPDM

EPDM Systems

All products specified for this roofing system must be manufactured or approved by Mule-Hide Products Co. This criteria is limited to buildings of 50' in height or less.

Membrane / Adhesive Type / Other

1. 0.045" or 0.060" thick Mule-Hide EPDM Reinforced Black Membranes.
2. Field seams: In-Seam Tape & Primer (6" or two strips of 3") (10 or 15 year warranty)
3. Field seams: Max 10-Year Warranty - Splice Adhesive with Membrane Cleaner/Tape Primer
4. All 'T' joints overlaid with EPDM uncured flashing tape.

Deck Type / Typical Fastener - Refer to Specifications for minimum pullout criteria.

Standard Roof Deck (3)	Max Sheet Width	Max Fastener Spacing	Fastener (1)	Seam Plate (1)
Steel - Min 22 ga. or Wood Deck - Min 1"	8' 10'	12" OC 6" OC	HD-14 HD-14	2.0" 2.0"
Plywood - Min 15/32"	8'	6" OC	HD-14	2.0"
Structural Concrete - Min 3,000 psi	10'	6" OC	HD-14 (2)	2.0"

Notes:

1. Heavier fasteners and/or plates may be required to meet Factory Mutual or code requirements.
2. Other fasteners may be considered, submit request to Mule-Hide prior to bidding.
3. Contact Mule-Hide Technical Department for non-standard roof decks.

Slope Requirement/Drainage

1. Positive drainage required (no ponding 48 hours after a rain)
2. 1/4" per horizontal foot preferred
3. 1/8" slope with sufficient number of drains and crickets/saddles may be considered

Construction Type

1. New Construction
2. Reroof - with full tear-off
3. Recover - all wet materials removed

Insulation/Overlayment - Mechanical Attachment into Standard Roof Decks*

Insulation Type or Overlay	Board Size	
	4' x 4'	4' x 8'
Approved Polyisocyanurate - Min 1.0" thick (top layer) - Min 20 psi	4	6
Extruded Polystyrene - Min 1.0" thick - Min 25 psi	4	6
HD Fiberboard - Min 1/2" thick- Installed over Approved Insulation	4	8
Dens Deck Prime - Min 1/4" thick - Installed over Approved Insulation	4	8

***NOTES:**

1. Thicknesses stated are for single layer of material.
2. Consult Specification Manual for list of approved insulations for use under overlayment.
3. Contact Mule-Hide Technical Department for Polyisocyanurate less than 1.5" in thickness.
4. Certain codes may require additional fastening requirements.

Insulation/Overlayment - Adhesive Attachment

1. Insta-Stik by Dow Chemical Company - Warranty Application must include application rates of adhesive. Other Manufactures may be considered, submit prior to bidding.

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Metal Accessories

1. All Metal copings, gravel stops, fascia, and drip aprons must be installed according to Mule-Hide approved details.
2. Conventional metal edge details that require flanges to be 'stripped in' must be overlaid with Cured Cover Tape.
3. All Metal Scuppers must have welded (soldered) seams.

Other Requirements

1. No 'As-Built' projects. All projects are to be reviewed and approved prior to installation.
2. Shop drawings must include all pertinent details.
3. Contact Mule-Hide Technical Department for specific code requirements such as Factory Mutual (FM) or Underwriters Laboratory (UL).

NOTES:

1. **This is a summary of the Mule-Hide EPDM Mechanically Attached System Specification, as written in the Mule-Hide EPDM Specification Manual. Refer to Mule-Hide EPDM Specification Manual for complete specification and details.**
2. **The information contained in this document is general information. Requirements may be different for each specific job based on the conditions of each building. Always contact Mule-Hide Technical Department to review the specific job conditions prior to bidding the project.**