

Fleece Back Recovery System

Understanding the Benefits



The Right Choice for Low-Slope Roofing Products

800-786-1492 • mulehide.com

Rugged • Time-Tested • Weather-Tested

Direct Application Permitted

- No cover board required over approved substrates
- Existing Aged Single-Ply (EPDM, TPO Hypalon)^{1,2}
- Existing Modified Asphalt System

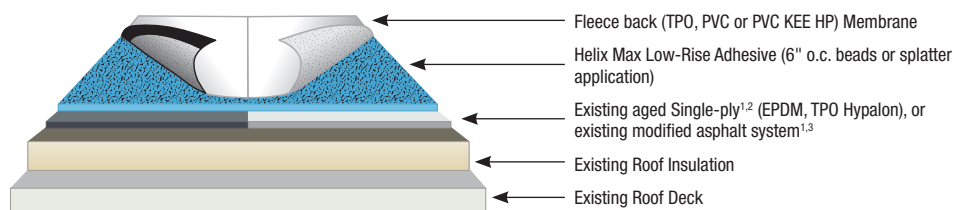
Aesthetics

- Fleece backing significantly helps to protect from asphalt staining when membrane is installed directly over Modified Asphalt Systems^{1,3}

Puncture and Hail Resistance

- Up to 50% superior puncture resistance compared to smooth back single-ply membranes

Adhered Fleece back Recovers



Difficult or Problematic Decks to Fasten to

Adhered Fleece back recovers eliminate not only cost of cover board,^{1,2,3} but also more expensive and labor intensive fasteners and plates associated with decks such as concrete, cementitious wood fiber and gypsum.

Regulation Friendly

2-part urethane adhesive (Helix Max) is VOC and HFC free - perfect for states where regulations are in place.

Minimal Owner Disturbance

Helix Max Adhesive application is quiet and have very low odor.



Calculate Cost Savings vs. Traditional Adhered Recover

Traditional Adhered Recover	Fleece Back Adhered Recover
✓ Cover board	✗ Cover board (not required)
✓ Fasteners & plates to secure cover board	✗ Fasteners & Plates (not required)
✓ Smooth backed membrane adhesive	✓ Helix Max 2-part urethane adhesive
✓ Smooth backed membrane	✓ Fleece back membrane

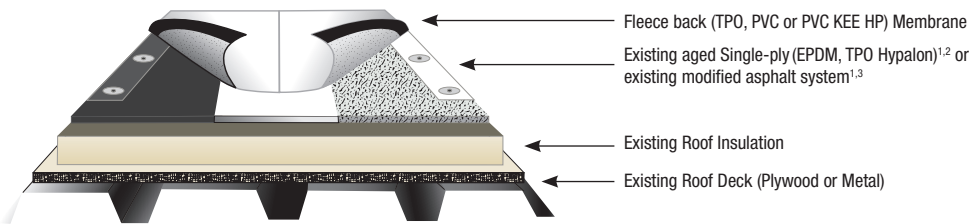
¹Contact Mulehide for specific requirements on direct recover applications.

²Not acceptable over existing PVC or KEE roof membrane.

³Existing smooth surface BUR (Type III or IV Asphalt), smooth surface modified-bitumen or mineral surface cap sheet. Not permitted if existing modified asphalt system is aluminum coated.

Fleece Back Recovery System

Mechanically-Attached Fleece back Recovers



Mechanically-Attached Fleece back recovers are most ideal over steel or wood roof decks that achieve proper pullout values - Mechanically attaching the Fleece back membrane directly over substrate^{1,2,3} can eliminate the cost and labor associated with both cover boards and adhesives.

Calculate Cost Savings vs. Traditional Adhered Recover

Traditional Mechanically Attached Recover	Traditional Fleece Back Mechanically Attached Recover
✓ Cover board	✗ Cover board (not required)
✓ Fasteners & plates to secure cover board	✗ Fasteners & Plates (not required)
✓ Smooth backed membrane	✓ Fleece back membrane

NDL (No Dollar-Limit warranties available)

- Available on Commercial Only (Contact MuleHide for terms and limitations)
- Covers labor and materials, and is not limited to the original installed cost.
- Must be installed by a MuleHide warranty eligible applicator
- Requires inspection by a MuleHide technical representative

Residential Material Only Warranties Available



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The information herein should not be considered all-inclusive and should always be accompanied by a review of the MuleHide specifications and guidelines and good application practices.

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