



To: Building Owner

**Re: Letter of Compliance
Photovoltaic Installation on Mule-Hide Warranted Roof**

This letter outlines Mule-Hide's recommendations regarding the installation of Photovoltaic (PV) systems over a Mule-Hide warranted roofing system in order to facilitate the installation of the PV system with limited disturbance to the Mule-Hide roofing system. The determination of the most suitable PV technology, racking and installation method is the responsibility of the Building Owner or their designated representative. Listed below are the recommendations along with conditions that may impact the Mule-Hide roofing system and warranty.

1. Determine the building's structural ability to withstand the additional loads created by the PV system.
2. The roofing system must be protected during installation of the PV system to prevent damage. This includes the staging and assembly areas and other areas heavily traveled.
3. To avoid PV system removal costs to the building owner, the PV system should provide adequate clearance for access to the roof membrane/flashings should maintenance or repair be required.
4. Field seams that may be concealed by the PV system, and therefore difficult to access, should be overlaid using approved products and installation procedures by a Mule-Hide Warranty Eligible Contractor.
5. For non-penetrating ballasted PV racking systems, a protection course consisting of Mule-Hide's Pressure-Sensitive Molded Walkway Pads or an extra layer of similar membrane is recommended between the PV support system and the roofing membrane. Walkway pads of thickness and density equal or greater to those which can be provided by Mule-Hide may be used to prevent damage to the roofing membrane.
6. Non-penetrating attachment methods that rely solely on adhesive attachment or a heat welded seam for anchoring to a thermoplastic membrane shall not be allowed. Any anchoring system, whether used as a primary or ancillary securement method, should tie directly to a structural component of the building. Failure to comply will result in negating the issuance of a membrane system warranty or termination of all existing warranties.
7. PV laminates must not be adhered directly to the Mule-Hide primary membrane. A compatible Mule-Hide membrane shall be used as a slip sheet and spliced to existing membrane.
8. Compatible walkway pads, protection pads, slip sheets and sacrificial sheets shall be of the same color as the roofing membrane when possible.

9. A Mule-Hide Warranty Eligible Contractor must flash racking systems that require penetration of the roofing membrane in accordance with the appropriate Mule-Hide published detail.

The following anchors using Mule-Hide membrane flashings are eligible for the flashing and seaming to be covered under the roof system warranty*:

- Anchor Products U-Anchor 1400 – EPDM, TPO, PVC, & KEE
- Anchor Products U-Anchor 2400 – EPDM, TPO, PVC, & KEE
- Anchor Products U-Anchor 3400 – EPDM, TPO, PVC, & KEE
- Anchor Products U-Anchor 3400S – EPDM, TPO, PVC, & KEE
- Anchor Products U-Anchor 4400 – EPDM, TPO, PVC, & KEE

* Note: Anchors are not manufactured or sold by Mule-Hide. Please contact Anchor Products for more information or refer to the Mule-Hide Warranty Addendum for Anchor or Solar Attachment Systems for warranty terms. Mule-Hide does not warrant the performance of the Anchor mounts.

It is recommended that areas frequently accessed for the purpose of operation or maintenance of the PV system be protected by walkways installed in accordance with the Mule-Hide published specifications and approved installation procedures. Should Mule-Hide be contacted to investigate a warranty claim, or to make warranty related repairs, providing access to the membrane (removal and replacement of the PV System and other components covering the membrane) is the responsibility of the Building Owner. Only Mule-Hide brand products are covered by the Mule-Hide Warranty. Mule-Hide specifically disclaims liability, under any theory of law, for damages sustained by or caused by non-Mule-Hide brand products.

The following form lists the roofing inspections required during the PV system installation to ensure continuation of the Mule-Hide Warranty. Upon completion of the roof alteration, an inspection must be scheduled and performed by a Mule-Hide Field Technical Representative.



Solar Pre-Installation Form

To be completed by the building owner/warranty holder prior to PV anchoring system installation

Field Assessment & Inspection Fees

A roof inspection after the PV anchoring system is installed and prior to the solar panel installation is required. Please be advised that this inspection will not be scheduled or completed if solar panels have been installed prior to this inspection. If this inspection determines repairs to the roof must be completed, warranty service will be suspended until repairs are made and a re-inspection completed and approved by a Mule-Hide Technical Representative.

For PV anchor mounts installed on a new roof (within 1 year of roof completion) the inspection fee is \$500.00. For existing roofs (older than 1 year) the inspection fee is \$.05 per square foot of the area of roof surface being covered by the solar panels or a minimum fee of \$500 whichever is greater. Inspection fees must be pre-paid prior to being scheduled.

Mule-Hide Warranty #:

Building Name & Address:

Building Owner Contact Name (printed):

Phone:

Email:

Onsite Inspection Contact Name:

Phone:

Solar Company Name & Address:

Solar Company Contact:

Phone:

Email:

PV System Square Footage:

Name/Address of Warranty Eligible Contractor assisting:

Anchor/Mounting System Type:

- U-Anchor 1400 w/Mule-Hide Flashing
- U-Anchor 2400 w/Mule-Hide Flashing

- U-Anchor 3400 w/Mule-Hide Flashing U-
- Anchor 3400S w/Mule-Hide Flashing

- U-Anchor 4400 w/Mule-Hide Flashing

Warranty Document

Upon inspection and acceptance, and payment of all fees, a warranty addendum letter will be issued by Mule-Hide to the Building Owner. The addendum letter will outline additional warranty terms and should be retained along with the original warranty for future reference.

Please feel free to contact us (800) 786-1492 option 4 with questions.

Return this form via email to: Mulehidewarranties@Mulehide.com