

# TPO

## ROOFING SYSTEMS



*"The name trusted in roofing since 1906"*



## OUR PROMISE

### **THROUGH ONGOING INTERCHANGE OF EXPERIENCES WITH CONTRACTORS, MULE-HIDE KEEPS ON TOP OF THE LATEST ROOFING REQUIREMENTS AND SOLUTIONS**

Trusted in roofing since 1906, Mule-Hide is the right choice for all kinds of installations. Our time-tested and proven systems are affordable and easy to install, and they meet even the strictest demands of today's commercial, industrial, and institutional buildings.

We can help you with everything from membrane selection to determining the best way to ensure a watertight roof. And because providing total roofing systems is our business, you can count on Mule-Hide to ensure the compatibility and performance of any and every component you choose.

## SYSTEM BENEFITS

### **EASY TO INSTALL**

Mule-Hide TPO Roofing Systems install quickly and economically. UL & FM listed assemblies are available upon request. All the accessories you need to complete roof details around edges and penetrations are also stocked locally.

### **ENERGY EFFICIENT ROOFS**

White surfaces have been shown to reflect up to 78% of the sun's rays to reduce air-conditioning costs. The superb reflectivity of white TPO even reduces the heat build-up under the membrane.

### **THE BEST LIFECYCLE**

TPO provides excellent resistance to fire, UV, airborne bacteria, and industrial pollutants such as air-conditioning coolants. Contains no chlorine, a plus for the environment.

### **LOWER LABOR COSTS**

Available in widths of 8', 10', and 12' for less seams and less labor compared to standard PVC sheets.

### **THICKER TOP PLY**

More product on top of the scrim where you need it most, one of the thickest top plies in the industry.

## WARRANTY PROGRAM

Mule-Hide offers an extensive warranty program with several options for commercial projects, including Membrane Warranties, Standard System Warranties and Premium System Warranties.

Complete information on the warranties can be found at our website: [www.mulehide.com](http://www.mulehide.com), under the Warranty Information tab.

A Mule-Hide representative inspects all commercial projects for which a Standard System Warranty or a Premium System Warranty is requested prior to the issuance of the warranty. To be eligible for a System Warranty (either Standard or Premium), the installing contractor must be a Mule-Hide Warranty Eligible contractor. More information on becoming a Mule-Hide Warranty Eligible Contractor can be found at our Web site: [www.mulehide.com](http://www.mulehide.com), under the Warranty Information tab.

Mule-Hide also offers a selection of Membrane Warranties that are available for residential (single family dwelling) projects.

### **STRENGTH**

Keeps moisture out, yet lightweight, making it ideal for new construction and retrofit installations without adding excessive weight to the roof deck. TPO can handle the desert sun, sand, arctic freezes, and torrential downpours. Stands up to rooftop traffic, tools, and equipment.

### **FLEXIBILITY**

The membrane remains flexible in hot and cold temperatures so it will not split or crack.

### **REPAIRABLE**

TPO membrane remains repairable year after year, allowing for ease of future cutouts, alterations and tie-ins. Can be cleaned to retain like - new appearance.

## PRODUCT INFORMATION

### THE AFFORDABLE WHITE ROOF

#### INSTALLED COST VALUE

Other white membranes command a premium price, but thanks to manufacturing technology originally developed in the automotive industry (impact and UV resistant bumpers), a Mule-Hide TPO Roof is “The Affordable White Roof”.

#### REINFORCED TPO

- White, gray, tan (other colors by special order)
- Also available in Fleece Back versions
- Thermoplastic polyolefin based for superior strength and weatherability
- Lightweight yet highly resistant to tears, impact, punctures, & wind uplift
- Ideal for both new construction and reroofing
- Reinforced membrane easily handles building thermal expansion & contraction
- Meets or exceeds ASTM performance standards.

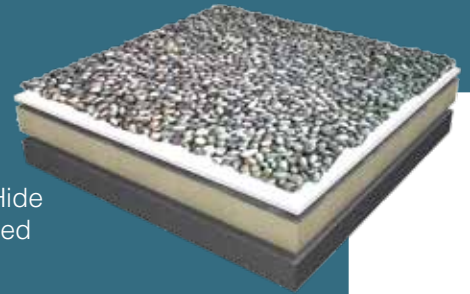
#### ENVIRONMENTALLY FRIENDLY

- No plasticizer migration
- No chlorine
- Recyclable

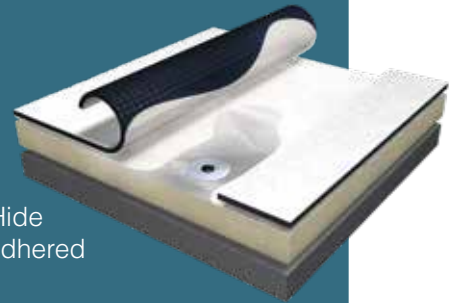
#### TPO WITH CLEAN FILM

Remove dirt and scuffs left behind during installation by installing a membrane with protective film.

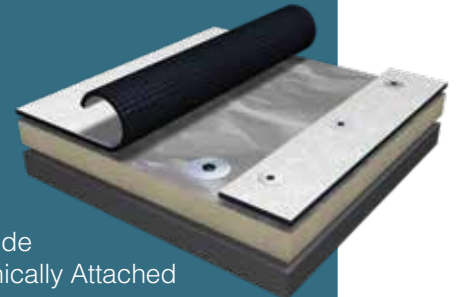
- Guard against damage and dirt pick-up due foot traffic
- Reduce roof glare during installation
- Ensure no loss of initial reflectivity immediately after instal due to dirty roof



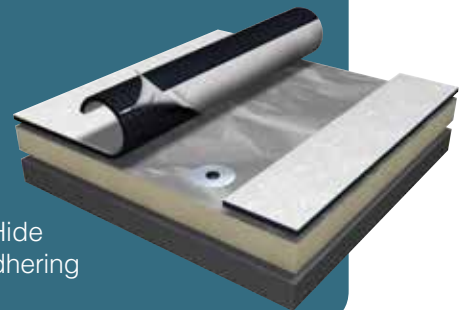
Mule-Hide  
Ballasted



Mule-Hide  
Fully Adhered



Mule-Hide  
Mechanically Attached



Mule-Hide  
Self-Adhering

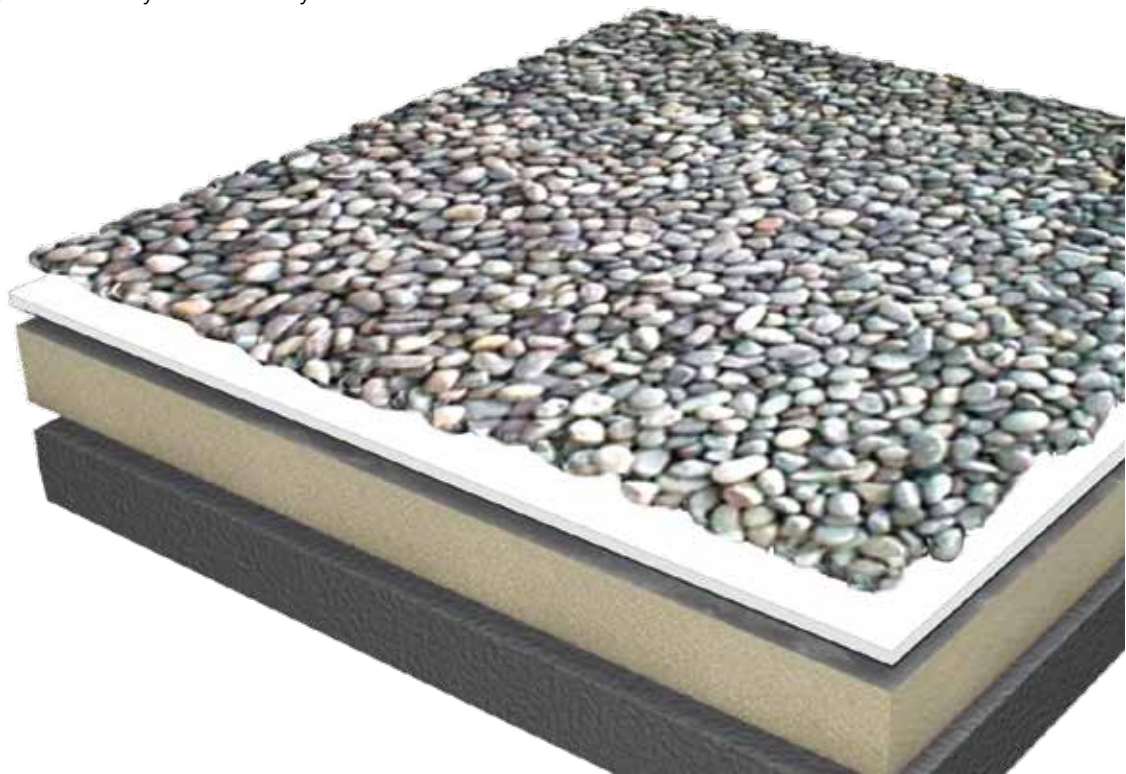




## WHY MULE-HIDE?

### **WE HELP YOU GROW YOUR BUSINESS**

When you choose Mule-Hide roofing materials for a project, you get more than just the best products from a company that's been helping contractors for over a century now. You also get individualized service designed to help you get the job done right the first time – so you can get on to the next job, and get that one done right, as well. Mule-Hide products are available through the nation's largest distribution channel, and we truly care about your success.





## SELF-ADHERING TPO

### FASTER INSTALLATION

SA-TPO contains all the benefits of fully adhered, reinforced TPO plus labor savings with a solvent and odor-free factory-applied adhesive. Easy, consistent installation—up to 3 to 5 times faster than traditional TPO systems—resulting in a finished system with no membrane fluttering, decreased stress on fasteners, and less wrinkles.

When projects call for an alternative to traditional TPO membrane, SA-TPO is the solution contractors choose when:

- Stringent VOC regulations demand a VOC and odor-free roofing system.
- High-rise building installations require a lightweight membrane that is able to be transported to the roof using an elevator.
- Construction schedules necessitate a water-tight building as quickly as possible.

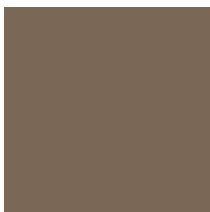
| MATERIAL                        | MATERIAL THICKNESS | STANDARD WIDTH | STANDARD LENGTH | STANDARD COLORS  | AVAILABLE WARRANTY |
|---------------------------------|--------------------|----------------|-----------------|------------------|--------------------|
| TPO-c Standard Membrane         | 45 mil             | 4' - 12'       | 100'            | White, Gray, Tan | 10, 15 yr          |
|                                 | 60 mil             | 4' - 12'       | 100'            | White, Gray, Tan | 10, 15, 20 yr      |
| TPO-c Extra Membrane            | 80 mil             | 4' - 12'       | 100'            | White, Gray, Tan | 10, 15, 20 yr      |
| SA-TPO                          | 60 mil             | 10'            | 50' - 100'      | White            | 10, 15, 20 yr      |
| TPO with CLEAN Film             | 60 mil             | 6', 10'        | 100'            | White            | 10, 15, 20 yr      |
| TPO-c Fleece Back Membrane      | 45 mil             | 6' - 12'       | 50' - 100'      | White            | 10, 15 yr          |
|                                 | 60 mil             | 6' - 12'       | 50' - 100'      | White            | 10, 15, 20 yr      |
| TPO-c Fleece Back Plus Membrane | 45 mil             | 6' - 12'       | 50' - 100'      | White            | 10, 15 yr          |
|                                 | 60 mil             | 6' - 12'       | 50' - 100'      | White            | 10, 15, 20 yr      |

This chart is used for a general guideline. Additional sizes and colors may be available. Please contact Mule-Hide Customer Service at 800-786-1492 or go to our website at [www.mulehide.com](http://www.mulehide.com) for specific product information.

## COLORS

Special colors of reinforced membrane are available in 10' x 100' sheets and non-reinforced flashing available in 24" x 50'. In stock without a minimum order required.

*\*\*Color samples printed here are only approximations.*



Rock Brown



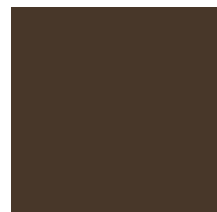
Slate Gray



Terra Cotta



Patina Green



Mansard Brown

*\*\*Special Color membranes will fade over time mainly due to the ultraviolet portion of sunlight. Most roof surfaces are exposed to variable sunlight, some areas will be more susceptible to color changes caused by UV fading. Warranties for Special Color membranes do not cover fading of colors.*

## TPO ACCESSORIES



- TPO Bonding Adhesive (solvent based-amber – Low VOC version available)
- WBBA-2000 Water Based Contact Adhesive
- TPO Tape Primer (Low VOC version available)
- TPO Weathered Membrane Cleaner (clear)
- TPO Cut Edge Sealant (clear)
- TPO Detail Membrane (non-reinforced, white, gray, tan)
- TPO Flashing Strips (reinforced, white, gray, tan)
- TPO PS Cover Strip With Tape (white, gray, tan)
- TPO PS 6" and 10" RUSS With Tape
- TPO Premolded Pipe Seal
- TPO Universal Corners (fit inside or outside, white, gray, tan)
- TPO T-Joint Covers (white, gray)
- TPO Molded Sealant Pockets (white, gray, tan)
- TPO Molded Sealant Pocket Extension Legs (white, gray, tan)
- Thermoplastic (one-part) Pourable Sealer (white)
- TPO Coated Metal
- TPO Walkway Rolls (white, gray)
- Fastener Accessories – Drill Point and Thread Point (for insulation only) HDP & EHD Fasteners, Insulated Plates and Seam Plates
- All Purpose Bar – use as anchor, batten and termination bar
- Polyisocyanurate Insulation
- DensDeck®
- SECUROCK®



Contact Mule-Hide Products for specific product approvals and ratings. Featured industry association/organization logos are U.S. registered trademarks. Mule-Hide is an AIA registered CES provider. Energy Star is only valid in the United States for Roofing Products.

*“The name trusted in roofing since 1906”*

**Customer Line: 800-786-1492 • [www.mulehide.com](http://www.mulehide.com)**

*Check our website monthly for the latest updates & technical bulletins.*

**National Support Center • 1195 Prince Hall Drive • Beloit, WI 53511 • tel. 608.365.3111 • fax. 608.365.7852**

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

This information herein is based upon data and knowledge considered to be true and accurate at the time of printing and is provided for the reader's consideration, investigation and verification. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Mule-Hide Products Co., Inc. does not warrant any results to be obtained. Statements concerning possible use of Mule-Hide products are made without knowledge of your particular roof and such an application may not be fit for your particular purpose. MULE-HIDE DISCLAIMS ALL WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, except written warranties attached to Mule-Hide products and written warranties signed by an officer of Mule-Hide.

Visit the Mule-Hide website at [www.mulehide.com](http://www.mulehide.com) prior to any installation for updated technical specifications and details. Mule-Hide is a U.S. registered trademark. DensDeck is wholly owned registered trademark of Georgia-Pacific Gypsum LLC/Georgia-Pacific Wood Products LLC. SECUROCK is wholly owned registered trademark of USG Corporation. All rights reserved.

