

TPO Systems



TPO is CRRC® rated & ENERGY STAR® listed



Design Flexibility

Affordability

Durability

Weatherability

Attractive

Mechanically Attached

Fully Adhered

Ballasted

www.mulehide.com

Technical Support

1-800-786-1492



Through ongoing interchange of experiences with architects, specifiers, structural engineers, and installers, Mule-Hide keeps on top of the latest roofing requirements and solutions.

We provide total roofing systems and work with you to ensure compatibility and related performance of interfacing products. This includes assistance in membrane selection and determining the best practices and techniques to ensure a watertight roof.

That's why Mule-Hide is the name trusted in roofing since 1906 and the right choice for a broad range of roofing installations. Mule-Hide time-proven systems are simple and economical to install, yet meet the stringent demands of today's commercial, industrial, and institutional buildings with an eye on the future.

**TPO
MEMBRANE
SAMPLE**

"The name trusted in roofing since 1906"

Mule-Hide TPO System Benefits

Heat-Welded Seam Strength - Mule-Hide TPO roofs use a heat-welding process that fuses the membrane seams to form a permanent, watertight seal. Superior wind resistance so seams won't peel apart. Superior flexibility so seams won't pull apart.

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.

Long 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.

Lightweight yet Strong System - 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, Arctic freezes, and torrential downpours.

Flexibility and Weatherability - 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 and tie-ins. Stands up to periodic rooftop maintenance traffic, tools, and equipment. Can be power washed to retain like-new appearance.

Environmentally Friendly - No plasticizer migration, no chlorine, and recyclable.

Easy to Install & Retrofit - 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.

Mule-Hide Systems maximize roof lifecycle & labor savings.

- Our TPO membranes can boast years of proven performance, covering a wide range of low-slope roofing applications, with systems for mechanically attached and fully adhered.
- The flexibility and physical integrity to resist cracking after prolonged exposure to minus 30 degrees F.
- A thicker top ply - more product on top of the scrim where you need it most, one of the thickest top plies in the industry.
- Minimal shrinkage, which is a major factor affecting membrane performance and longevity.
- Quick, one-pass installation with a small, trained crew, backed by Mule-Hide's Special Solutions Support. Fast installation means maximized installed cost value for contractors and minimal disruption for building owners.
- Mule-Hide thrives on handling any size project, from the smallest to the largest and most complex. Our Field Reps are prepared to "walk the roof" to help determine solutions on complex retrofit projects.
- UL & FM listed assemblies available

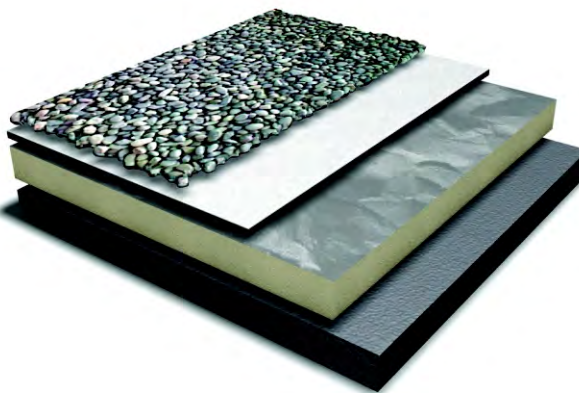
TPO Mechanically Attached



TPO Fully Adhered



TPO Ballasted



Mule-Hide offers architects and their clients new or retrofit systems that remain stable and functional in the toughest situations a roof faces.

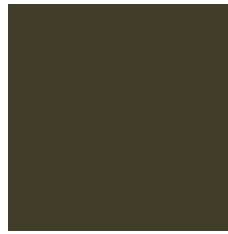
Contractors want:

- **Lower labor costs** - Available in widths of 8' and 10' for less seams and less labor compared to standard PVC sheets.
- **Crew retention** - not hot work, easy to learn.
- **Product availability** - locations nationwide.

Building Owners want:

- **Durable roof** - reinforced membrane for superior seam strength.
- **Attractive, energy efficient roof** - white membrane adds to the aesthetics of the building while increasing energy efficiency.
- **Maximized roof lifecycle** - long, fully functional life and virtually maintenance free.
- **Minimal disruption** - installs fast, no open flames.
- **Manufacturer Warranties** System or Membrane-Only.

TPO in Color



Mansard Brown



Regal Red



Blue



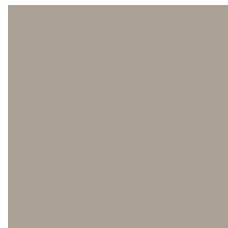
Terra Cotta



Medium Bronze



Regal Blue



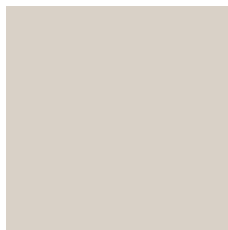
Sierra Tan



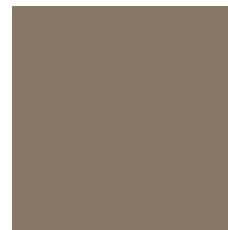
Soft Brown



Sky Blue



Sand Stone



Slate Gray



Patina Green



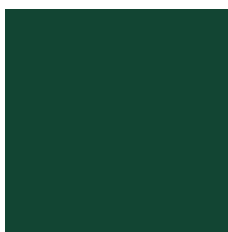
Tropical Patina



Dark Ivy



Teal



Sherwood Green

Color samples printed here are only approximations.

Colors simply require a minimum order of 5,000 square feet of 60-mil non-reinforced flashing (used as an overlay to create a logo) or 100,000 square feet of reinforced TPO membrane and an approximate three week lead time. Custom colors are available upon request.

www.mulehide.com

Technical Support

1-800-786-1492



Extensive Warranty Program

Mule-Hide offers Membrane Warranties, Standard System, and Premium System Warranties. All projects requesting a Standard or Premium System Warranty are inspected by a Mule-Hide representative prior to the issuance of the warranty.

Our prompt response and proficient warranty service has resulted in one of the lowest warranty claim records in the industry.

Warranty Eligible Contractor Program

Mule-Hide combines time-proven systems with contractor training seminars, on-the-job training, jobsite inspections, and technical support to our warranty eligible contractors.

“The name trusted in roofing since 1906”

TPO Systems

The performance of rubber with heat-welded seams from the people you trust. Mule-Hide membranes are manufactured under strict quality control. A wide range of sheet sizes, lengths, and membrane thicknesses, Mule-Hide proven systems are available nationwide through one of the largest distribution networks.

Environmentally Friendly

- No plasticizer migration
- No chlorine
- Recyclable

Reinforced TPO - .045, .060 & .080 - white, gray, and tan (other colors by special order)

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"**.

- 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/restoration
- Reinforced membrane easily handles building thermal expansion & contraction
- Minimal shrinkage-ideal for mechanically attached or fully adhered systems

Complete line of Heat-Weld Accessories

- **TPO Bonding Adhesive** (solvent based-amber-Low VOC version available)
- **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 Russ with Tape** (white)
- **TPO Premolded Pipe Seal** (white, gray, tan)
- **TPO Universal Corners** (fit inside or outside, white)
- **TPO T-Joint Covers** (white, gray, tan)
- **TPO Molded Sealant Pockets** (white, gray, tan)
- **TPO Molded Sealant Pocket Extension Legs** (white)
- **Thermoplastic (One-Part) Pourable Sealer** (white)
- **TPO Coated Metal** (white, gray, tan)
- **TPO Walkway Rolls** (white, gray, tan)
- **Fastening Accessories** - Galvalume Stress Plates (for insulation) Barbed Seam Plates, Drill Point Fasteners for Insulation, Heavy Duty Fasteners for Membrane
- **All Purpose Bar** - Anchor Bar, Batten Bar, and Termination Bar
- **Polyisocyanurate Insulation**



When you need assistance with product selection and specifications, engineered drawings, or field assistance with installation details, you can rely on Mule-Hide.

Individualized Assistance

Attention to Detail

Project Level Technical Assistance

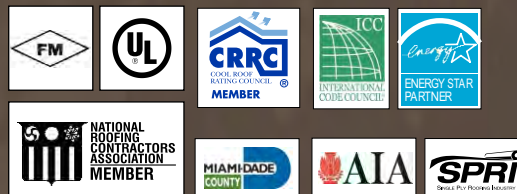
Alternative Methods of Installation

Call **1-800-786-1492**

We're ready to assist in design options for your clients.

www.mulehide.com

Visit our website for downloadable product specifications.



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