TPO
ROOFING SYSTEMS



MULEHIDE®

"The name trusted in roofing since 1906"



OUR PROMISE

THROUGH ONGOING INTERCHANGE OF EXPERIENCES WITH CONTRACTORS, MULEHIDE KEEPS ON TOP OF THE LATEST ROOFING REQUIREMENTS AND SOLUTIONS

Trusted in roofing since 1906, MuleHide 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 MuleHide to ensure the compatibility and performance of any and every component you choose.

WARRANTY PROGRAM

MuleHide offers a variety of warranties for commercial and residential projects including material and system warranties. System warranties are available for commercial projects when installed in strict compliance with MuleHide's specifications by a MuleHide Warranty-Eligible contractor. Residential projects may qualify for material warranties. Complete warranty information and requirements for the various warranties available may be found on the MuleHide website at www.mulehide.com or by contacting MuleHide at 800-786-1492.

SYSTEM BENEFITS

EASY TO INSTALL

MuleHide 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. TPO 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, MuleHide TPO is one of the thickest top plies in the industry.

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. It 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. It 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 MuleHide 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, and wind uplift
- Ideal for both new construction and reroofing
- Reinforced membrane easily handles building thermal expansion and contraction
- Meets or exceeds ASTM performance standards.

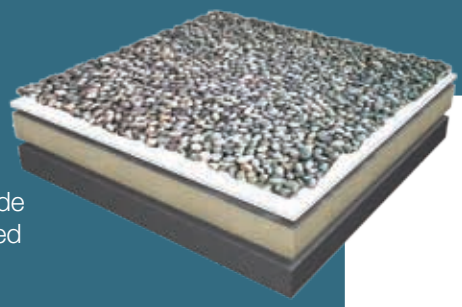
ENVIRONMENTALLY FRIENDLY

- 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.

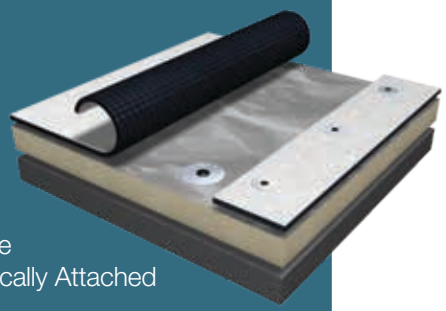
- Guard against damage and dirt pick-up due to foot traffic
- Reduce roof glare during installation
- Ensure no loss of initial reflectivity immediately after install due to dirty roof



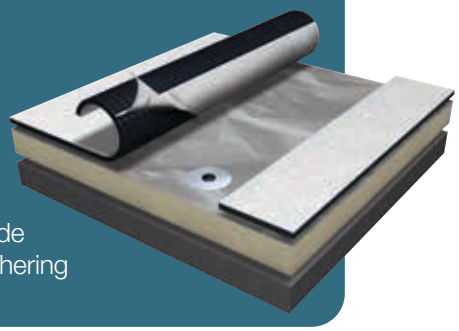
MuleHide
Ballasted



MuleHide
Fully Adhered



MuleHide
Mechanically Attached



MuleHide
Self-Adhering



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' - 16'	100'	Gray, Tan, White	10, 15 yr.
	60-mil	4' - 16'	100'	Gray, Tan, White	10, 15, 20 yr.
TPO Colorway	60-mil	5' - 10'	100'	Medium Bronze, Patina Green, Rock Brown, Slate Gray, Terra Cotta	10, 15, 20 yr.
	80-mil	5' - 10'	100'	Medium Bronze, Patina Green, Rock Brown, Slate Gray, Terra Cotta	10, 15, 20 yr.
TPO-c Extra Membrane	80-mil	4' - 16'	100'	Gray, Tan, White	10, 15, 20, 30 yr.
SA-TPO	60-mil	10' - 12'	50' - 100'	Gray, Tan, White	10, 15, 20 yr.
	80-mil	10'	100'	Gray, Tan, White	10, 15, 20, 30 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.
TPO-c with Seam Protector	60-mil	10' - 12'	100'	Gray, Tan, White	10, 15, 20 yr.
	80-mil	10' - 12'	100'	Gray, Tan, White	10, 15, 20, 30 yr.

This chart is used for a general guideline. Additional sizes and colors may be available. Please contact MuleHide Customer Service at 800-786-1492 or go to our website at mulehide.com for specific product information.

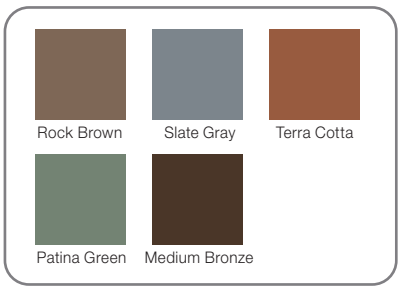
TPO COLORWAY

AN INDUSTRY EXCLUSIVE!

TPO Colorway membranes now have matching pre-fabricated accessories including split pipe boots, coated metal, conical boots, inside and outside corners, t-joint patches and more. Match your roof surface with complimentary edge metal colors for an architectural look and feel.

TPO Colorway is available in the following accessories:

- 60-Mil Non-Reinforced Flashing
- Rib Contours
- Coated Metal
- Universal Conical Boot
- Split Pipe Seals
- Outside Corners
- Inside Corners
- T-Joint Patches
- Square Tube Wraps
- Drop Scuppers
- Through Wall Scuppers
- Breather Vents
- Vent Collar Combo



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.



FAQS

DOES THE CONTRACTOR NEED TO PROVIDE MATERIAL INVOICES ALONG WITH WARRANTY APPLICATIONS?

Specific warranties may require submission of material invoices.

DOES MULEHIDE REQUIRE A TOTAL TEAR-OFF FOR LABOR & MATERIAL ROOFING SYSTEM WARRANTIES?

No, this is not required, but all areas of wet insulation and membrane must be replaced with new, dry, similar material. Specific warranties may require an independent moisture scan of the roof.

DOES MULEHIDE OFFER ANY PRE-JOB "WALK THE ROOF" OR JOB STARTS?

Yes, MuleHide Territory Managers offer these services.

WHAT ARE THE WARRANTY FEES FOR HEAT-WELD ROOFING SYSTEMS?

Fees vary depending on the type of warranty and duration desired. Current fees are listed on MuleHide Warranty Application Forms and on the website.

DO I NEED WALK PADS FOR A LARGE COMMERCIAL ROOFING PROJECT?

Walk pads are always recommended. MuleHide offers walk pads for each system/membrane type we sell.

WHAT IF I NEED A SUBMITTAL PACKAGE?

Contact your ABC Sales Associate, MuleHide Territory Manager or go to www.mulehide.com and make a request online.

WHAT IF I NEED TO PROVE MULEHIDE TPO OR PVC MEETS A WRITTEN SPECIFICATION OR COMPLIES WITH A UL, FM OR OTHER CODE REQUIREMENT?

Just provide MuleHide with the following information:

- A copy of the specification
- Name and address to whom the letter should be addressed
- Your email, phone and fax number
- What is the UL/FM requirement?
- Deck type?
- Slope?
- Insulation type and thickness?
- Membrane and system?
- Building location and height?
- Overall dimensions?
- Parapet height?

TPO ACCESSORIES



- TPO Bonding Adhesive (solvent based-amber – low-VOC version available)
- Aqua Base 120
- TPO Primer
- TPO Weathered Membrane Cleaner (clear and low-VOC version available)
- TPO Cut Edge Sealant (clear and low-VOC version available)
- 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 (white, gray, tan)
- TPO Universal Corners (fit inside or outside, white, gray, tan)
- TPO T-Joint Covers (white, gray, tan)
- TPO Molded Sealant Pockets (white, gray, tan)
- Thermoplastic (one-part) Pourable Sealer (white)
- TPO Coated Metal
- TPO Walkway Rolls (white, gray)
- Fastener Accessories – Drill Point (for insulation only) HDP and EHD Fasteners, Insulated Plates and Seam Plates
- All Purpose Bar – use as anchor, batten and termination bar
- Polyisocyanurate Insulation
- DensDeck®
- SECUROCK®



Contact MuleHide for specific product approvals and ratings. Featured industry association/organization logos are U.S. registered trademarks. MuleHide is an AIA registered CES provider.

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Customer Line: 800-786-1492 • www.mulehide.com

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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