



Membranes



PVC Comparison

Weighs the pros and cons of field-fabricated installation versus factory prefabricated panels.



PVC Roof Systems

PVC Roofing Systems offer better solutions for projects requiring high chemical resistance such as restaurants, laboratories, factories, etc. PVC membranes are polyester reinforced and have twice the puncture resistance and tear strength of fiberglass-reinforced PVC membranes. HydroBond adhesive is a water-based, single-side, wet lay-in adhesive that greatly reduces the installed costs of a fully adhered PVC roofing system. Where low-VOC requirements mandate the use of expensive adhesives, material costs for a fully adhered PVC system using HydroBond are actually lower than a fully adhered TPO roofing system.



SA-APP KoolCap

SA-APP KoolCap G and SA-APP KoolCap G FR membranes are highly reflective, self-adhered APP modified bitumen cap sheets with a factory-applied reflective coating. Both products meet or exceed most standards for cool roofs and have a SRI of 96.



Self-Adhered Mod Bit

Self-Adhering Mod Bit (SAMB) is a superior product in the industry. Heat-welded seams and FastLap granule-free end laps cut installation costs over traditional mod bit adhesive seams. Available in popular shingle colors with material and system warranties.



SA-TPO

Self-Adhering TPO membrane with pressure sensitive adhesive backing eliminates the need for adhesives applied in the field making it ideal in areas with low-VOC restrictions.



TPO with Clean Film

TPO with Clean Film provides a viable solution when the specification, building owner or contractor requires the new TPO roof to be power washed at the end of the job. TPO with Clean Film eliminates the need for a labor extensive trip back to the project to perform a final cleaning.



20 YEAR EPDM WARRANTY

Competitors tout 20-year EPDM warranty requirements that do not include the require use of 6" wide seam tape. However they do require the use of expensive #15 fasteners everywhere, regardless of the deck type and uplift requirements. Analysis proves competitors' requirements can be false.

Adhesives



AeroWeb

AeroWeb Low-VOC Aerosol Contact Adhesive/Primer can be used for a variety of applications: adhering Fleece Back, Standard TPO, and EPDM membrane to vertical walls; enhancing the bond between F5 Air & Vapor Barrier and various substrates; and priming unexposed asphalt prior to applying Helix® Low-Rise Adhesive for insulation attachment. AeroWeb is also used to adhere standard TPO, standard EPDM and White-on-Black EPDM membranes on horizontal surfaces for warranties up to 20 years.



EPDM X-23

EPDM x-23 Low-VOC Bonding Adhesive is a high-strength, solvent-based contact adhesive that bonds EPDM membranes to various porous and non-porous substrates. This product meets the <250 g/L VOC content requirements of the OTC Model Rule for Single-Ply Roofing Adhesives.



FR Adhesive

FR Adhesive is a fire-resistant, water-based, fume-free EPDM bonding adhesive used with standard OSB or plywood inventory. It eliminates the need for commercial modular manufacturers to stock specialized roof decks to meet UL Class C roof deck requirements.



	<p>Helix Max</p> <ul style="list-style-type: none"> • Greater elongation and tensile strength • Able to be applied in colder temperatures as well as a longer "open" time • Provides fleeceback roofing systems applied with full spray splatter application • The addition of 5-gallon jugs provides the best packaging option available for use with low-pressure equipment • Design solutions for high uplift requirements
	<p>Helix</p> <p>Helix Low-Rise Adhesive is a two-component, construction-grade, polyurethane foam adhesive designed to adhere approved roof insulations, thermal barriers, cover boards and fleece-backed single-ply membranes to acceptable substrates. Helix is VOC, CFC, HCFC and solvent free. Applied in continuous ribbons or beads spaced 4", 6" or 12" on center depending on the project and code requirements. Helix is gray in color, which aids in identifying Mule-Hide as the manufacturer.</p>
<p>Sealants</p>	
	<p>JTS 1</p> <p>JTS 1 is a moisture-cure urethane sealant made with 100% solids. JTS 1 seals large joints, roof termination bars and adheres to concrete, masonry, EPDM, PVC, TPO (primed), wood, vinyl and most other common building materials.</p>
	<p>RGA 1</p> <p>RGA 1 Flashing Cement is a high quality, versatile asphalt-based roof cement. This distinctive product is intended for use by quality driven roofing. Its outstanding adhesion to wet, dry and underwater surfaces allows application in any conditions. With wider usable temperature ranges, RGA 1 applies easily at seasonal temperature extremes.</p>
	<p>Sealant Comparison</p> <p>All MHP exterior sealant products compared side-by-side as well as side-by-side competitor comparisons for each sealant line.</p>



Drains



Drains

Aluminator Retrofit Roof Drain with MaxxFlo Seal is design to quickly address the need to replace existing roof drains in a re-roofing application. Durability is assured through the use of heavy duty (0.81") aluminum. The exclusive MaxxFlo mechanical seal offers superior protection against water backup. Available with a variety of flange options (aluminum, TPO clad, PVC clad and asphalt coated) to accommodate most roofing systems.

Edge Metal



EclipsEdge

EclipsEdge is the latest edge metal profile offering that reduces installed cost for raised edges/gravel stops and full coping caps. EclipsEdge is fastened on the fascia rather than the horizontal surface of the roof therefore there is no need to install membrane flashing to seal the fasteners. EclipsEdge consists of a base and a top cover and is available in prefinished steel, aluminum, stainless steel and bonderized steel.



Edge Metal

Edge Metal & Single-Ply Accesories may help to provide the lowest installed cost (compared to the lowest material cost). Understanding the labor and soft cost savings of skirted TPO edge metal components is critical to communicating this value to contractors.

Waterproofing



Mortar Sentry

Mortar Sentry Water Seal is designed for use on brick, mortar, concrete block, cultured stone, sandstone and concrete. Mortar Sentry is a silane/siloxane based waterproofing treatment consisting of two products: Mortar Sentry Water Seal 10 is a 10% active solution and is recommended for vertical surfaces & Mortar Sentry Water Seal 15 is a 15% active solution and is recommended for horizontal surfaces.

Fasteners



Reduced Fastening Pattern

USG has performed testing with Mule-Hide membranes and achieved Factory Mutual (FM) I-90 ratings on its Securock® Brand Gypsum-Fiber Roof Board products with fewer fasteners.



Coatings	
	<p>SEBS Roof Coatings</p> <p>Solvent-based SEBS and SEBS+ coating line provides a viable solution for restoring an existing rusty metal roof. SEBS and SEBS+ coatings also extend the construction season in the northern regions because solvent-based products can be installed in lower temperatures than water-based products.</p>
Accessories	
	<p>ShapeShift</p> <p>A universal pitch pan solution used on EPDM, TPO, PVC, Mod Bit, BUR, Acrylic, SEBS or Silicone roof systems. ShapeShift pans do not require welding. When filled with Mule-Hide JTS-1 Sealant, ShapeShift pitch pans can be installed on vertical surfaces creating a viable solution for hard to seal penetrations installed through vertical flashings.</p>
	<p>Repair Hero</p> <p>A solvent-based, fiber-reinforced terpolymer sealant adheres to all roof substrates, including asphalt, modified bitumen, metal, TPO, EPDM, PVC, Kynar®, concrete, Elvaloy®/PVC, Hypalon® (CSPE) and polyisobutylene (PIB).</p>