



Since 1955

GACO WESTERN

*Waterproofing and Insulating our World, from NASA to your Neighborhood,
Gaco Western has you Covered with Innovative Solutions.*



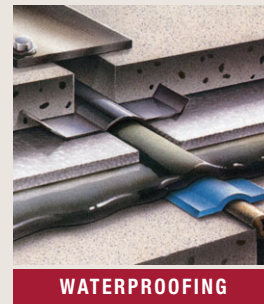
ROOFING



DECKING



INSULATION

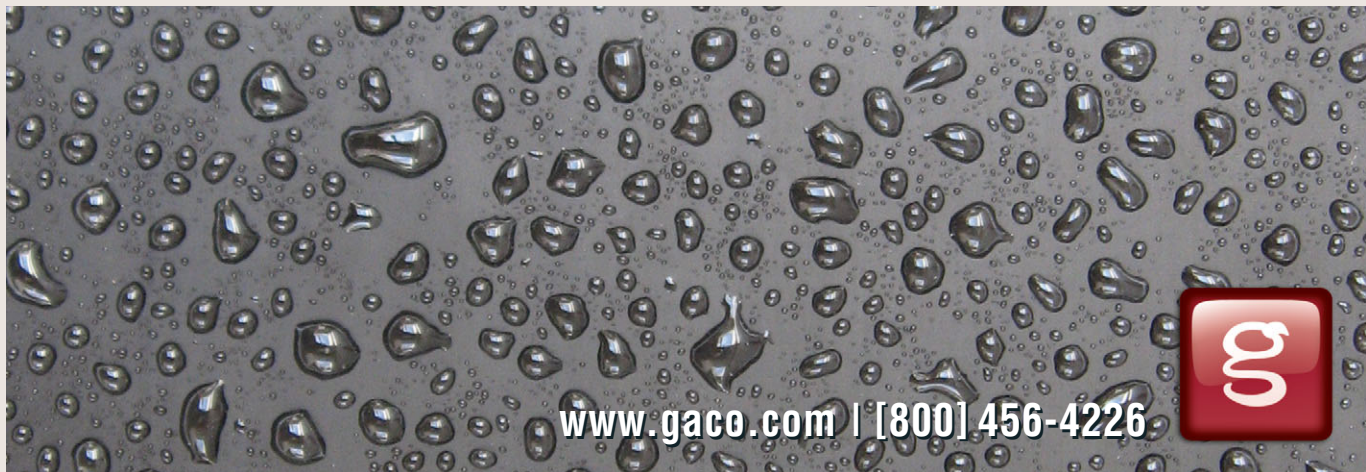


WATERPROOFING



COATINGS

GacoFlex LM-60 FLUID-APPLIED POLYURETHANE COATING



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The Gaco Five

FIVE REASONS TO SELECT GACOFLEX LM-60 FLUID-APPLIED POLYURETHANE COATING



1 35 YEARS PROVEN TRACK RECORD

Tried and tested. LM-60 has been successfully used to waterproof both horizontal and vertical structures for over 35 years.

2 100% PURE POLYURETHANE

LM-60 is made entirely of pure polyurethane. Not only does pure polyurethane provide unsurpassed waterproofing performance qualities — it also provides a longer life cycle than many other materials.

3 ZERO VOC's

Many waterproofing membrane materials release low level toxic emissions into the air and soil for years after the application. LM-60 has never and will never contain any VOC's (Volatile Organic Compounds).

4 NSF 61 APPROVED

NSF is an independent organization that helps protect consumers by certifying products and writing standards for food and water consumption. LM-60 is NSF 61 approved for use in waterproofing potable water tanks.

5 SINGLE APPLICATION

A seamless waterproofing membrane of LM-60 can be applied in a single application eliminating future problem areas such as seams and allowing the contractor to move on to the next project.

GacoFlex LM-60
FLUID-APPLIED POLYURETHANE COATING



GacoFlex LM-60:

PEACE-OF-MIND WATERPROOFING PROTECTION FOR ANY STRUCTURE

GacoFlex LM-60 is a two-component, 100% solids, liquid rubber that has positive cure regardless of atmospheric humidity, forming a seamless and impermeable elastomeric membrane. It offers excellent adhesion to the substrate and provides superb elongation and flexibility, even in low temperature conditions.

Because LM-60 is environmentally friendly, solvent free and complies with all air quality standards throughout the world, it can be used in crowded municipal locations and enclosed areas without solvent fumes impacting surrounding buildings or installation crews. The total lack of solvents also ensures that LM-60 will not shrink back or pull away from flashings, and that 60 mils of *liquid* LM-60 will equal 60 mils of *dry* LM-60.

Between Slab or Below-Grade Structures

LM-60H has been specifically designed for application on horizontal and low slope surfaces in a between-slab or below-grade configuration. Because it will neither shrink or crack, LM-60H has been used successfully on millions of square feet of the most sophisticated and aesthetically demanding buildings. LM-60H is self-leveling and is applied by notched trowel or squeegee in one coat at the rate of four gallons per 100 square feet, to yield a 1/16" cured membrane. The installed membrane is then covered with a protection course and a wear course. Recently, ASTM tests were performed on LM-60 samples that had been submerged in a chiller tank for 10 years. The incredibly durable LM-60 membrane showed almost no changes in physical properties, as indicated in the chart below.

GACOFLEX LM-60 TECHNICAL DATA

Property	ASTM Test	Value	Value (10+ Years)
Tensile Strength	D-412	175 psi	155 psi
Elongation	D-412	300%	250%
Solids (By Volume)	—	100%	—
Water Vapor Permeability	E-96	.012 Perm In.	No Change
Water Absorption 21 Days R.T.	D-47	1% Max.	No Change
Low Temperature	D-746	Pass @ -50°F (-45°C)	No Change
Hardness, Shore A	D-2240	30 min. @ 70°F (21°C)	45 min.

Foundation Walls

LM-60V is thixotropic in consistency and will cling to vertical surfaces without runoff at the normal application rate of four gallons per 100 square feet (60 mils). It may be applied with a notched trowel in one coat, or by spray, if thinned, in two coats. Because LM-60V is formulated to be compatible with LM-60H, overlaps between vertical and horizontal surfaces will offer the same degree of protection on vertical or horizontal surfaces. By creating a watertight barrier for structures of curving and sloping shapes, LM-60V provides the architect, designer or contractor with a versatility of application that is limited only by the scope of their imagination.

Roofing & Recover Systems With No Solvents, No Odors, No Asphalt

MineralFlex LM-60 Zero-VOC polyurethane coating is an environmentally-friendly, asphalt-free solution for Protected Membrane Roofs. It is versatile and durable and can be applied by squeegee, roller or spray over dry substrates or most existing roofing materials. It is perfect for plazas, roofs, and rooftop decks and provides a waterproofing membrane under rooftop garden spaces. The MineralFlex system is so "green," it even has NSF 61 potable water approval; water runoff from the roof is safe for people, pets, wildlife and plants.

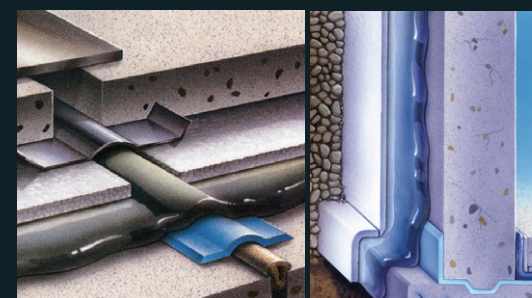
MineralFlex Roofing also replaces hot, smelly asphalt roofing with a fully-adhered, waterproof membrane. Preparation couldn't be easier — no hot kettles, no special equipment, no fire danger. Topped with roofing granules or gravel, this system offers the appearance of an asphalt roof without the fumes and safety concerns. The MineralFlex fully-adhered, seamless, elastomeric barrier can also be topped with concrete or decorative pavers.

IRMA® Roofing Adds Insulation

MineralFlex is applied directly to concrete or plywood roof decks. The membrane is then covered with moisture-stable extrude polystyrene boardstock insulation. The thickness of the insulation will depend upon the R-value desired. Both the insulation and the membrane are protected from damage with a layer of stone ballast, pavers or a cementitious layer bonded to the board insulation. The overburden must be of sufficient weight to prevent flotation of the insulation during ponding conditions.

The IRMA roofing system performs well under water immersion conditions and reduces thermal shock of the membrane and roof deck.

VERTICAL AND HORIZONTAL APPLICATIONS

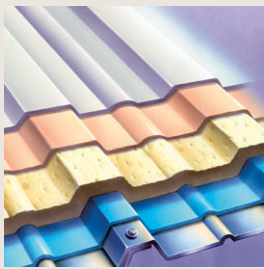


Between Slab / Below Grade

Foundation Walls



Waterproofing and Insulating our World



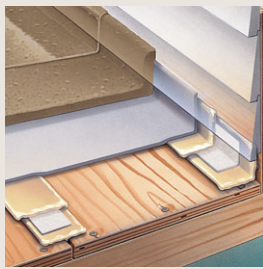
ROOFING

Gaco Western Roof Systems: Innovative foam & coatings technology to waterproof any shape or substrate

Whether you're rehabbing an existing foam roof or coating a new metal roof, Gaco Western has a roof system to meet your needs. Gaco spray foam and coatings provide seamless insulation and waterproofing, and are fully adhered to the substrate. This eliminates common sources of leaks and pooling water beneath roofing material.

Gaco coatings are elastomeric, meaning they are able to stretch as the substrate warms and cools through the day and through the seasons. Characterized by high physical properties, GacoFlex coatings are tough enough to withstand years of abuse by sun and weather.

Gaco has also developed roof systems to meet specific project requirements. From quick-set spray applications, to highly reflective coatings designed to lower your energy bills, Gaco has the breadth and depth of applications to get your project done well and done on time.



DECKING

Gaco Western Auto and Pedestrian Decking Systems: Keeping the tread for tires and toes

Perhaps your next project is rehabbing a multi-level parking garage, or perhaps it's a new deck on a single-family home. In either case, Gaco Western has a decking system to meet your needs. Gaco auto and pedestrian deck systems are characterized by two key ingredients; tough elastomeric coatings, and GacoShell texture granules that won't scuff out.

GacoFlex coatings are color-stable, and are available in a variety of attractive colors. Gaco coatings are also elastomeric, meaning they are able to stretch as the substrate warms and cools through the day and through the seasons. Characterized by high physical properties, GacoFlex coatings are tough enough to withstand years of abuse by sun and weather.

GacoShell texture granules won't scuff out of the coating, eliminating the premature wear often caused by loose granule grinding into the coating surface. The GacoShell texture wears evenly with the coating, meaning the integrity of the waterproofing system is never compromised by granule popping out of the coating.

Gaco has developed decking systems to meet specific project requirements. From quick-set auto deck applications, to intricate pedestrian deck designs, Gaco Western can help you successfully tackle your next decking challenge.



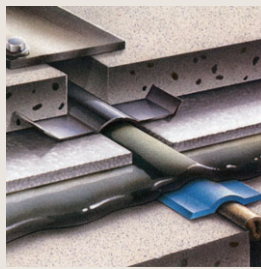
INSULATION

Gaco Western Polyurethane Spray Foam: Insulating roofs and walls to lower energy costs

Polyurethane spray foam insulation can be used effectively in both commercial and residential settings. Whether you're retrofitting an old warehouse roof, or insulating a new home, Gaco sprayed polyurethane foam is the choice for seamless, effective insulation.

Commercial Roofing Applications – Gaco Western sprayed polyurethane foam can be used on both new roofs and retrofit projects. Sprayed foam is versatile, and can be used on roofs of all slopes and shapes to create a seamless insulating system. Foam roofing must be protected by an elastomeric coating suitable for that environment. The insulating properties of the foam, combined with highly reflective GacoFlex roof coating, reduce energy costs by keeping building interiors cooler in the summer and warmer in the winter.

Residential Insulation – Superior home insulation begins by keeping outside air out, and inside air in. The more efficient the "Air Seal," the less money you have to spend on heating and cooling costs. Gaco Wall Foam is sprayed into wall cavities, filling the nooks and crannies that ordinary fiberglass just can't reach. Gaco Wall Foam provides the ultimate in Air Seal technology, helping to keep your dollars in your pocketbook in summer and in winter.



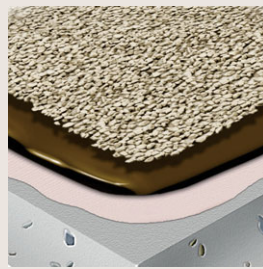
WATERPROOFING

Gaco Western Below Grade and Between Slab Waterproofing: Sometimes you need the toughest waterproofing in hidden places

Below grade and between slab applications have one thing in common — once the job is completed, the waterproofing membrane is hidden from view. In such applications, it is critical that the waterproofing membrane be tough and durable enough to function without maintenance for many years.

Tried and tested for over 25 years, GacoFlex LM-60 liquid polyurethane coating has proven its reliability again and again in below grade and between slab applications. GacoFlex LM-60 is a 100% solids, zero VOC coating, meaning there is no smell to disrupt the work of other trades during the application process.

GacoFlex LM-60 is formulated for both vertical and horizontal applications, and will cling to vertical surfaces without runoff at the normal application rate of 4 gallons per 100 square feet. By creating a watertight barrier for structures of curving and sloping shapes, LM-60 provides the architect, designer or contractor with a versatility of application that is limited only by the scope of their imagination.



COATINGS

Other Gaco Western Systems: Whatever your next project, Gaco has you covered

There's so much that Gaco can do. GacoFlex elastomeric coatings and polyurethane foam can mold to almost any shape or structure, making challenging projects easier and solutions more effective.

From chiller tanks to controlled atmosphere rooms, reservoirs to mechanical room floors, even exterior wall coatings — Gaco Western has you covered.

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