MFG. BY LAPOLLA

FOAM-LOK™

SPRAY FOAM ROOFING

SUSTAINABLE ROOFING SYSTEMS

LAPOLLA™

Are you looking for a sustainable roofing system for commercial and industrial applications that doesn't leak, reduces life cycle costs, and contributes to overall building energy savings?

With construction expenses increasing and greater awareness of the long-term affects of energy use, building owners and design professionals are looking for cost-effective alternatives to conventional roofs. Foam-LOK™ is the alternative; a system that provides builders, architects, and owners with roofing solutions that support energy conservation, eliminates leaks and builds confidence.

FOAM-LOK™ ADVANTAGES

- Reduces installation time
- Decreases energy costs compared to alternative solutions
- Improves resistance to wind uplift and hail damage
- Provides a waterproof monolithic seamless roof system
- Offers highest R-value per inch

LIFE-CYCLE COST REDUCTION

With everyone trying to reduce expenses, coupled with the rising cost of building materials, it is essential to use products that reduce life cycle costs. Reducing maintenance is an important consideration in lowering the life cycle cost of a roof. Traditional roof systems require substantial maintenance activities that include conducting moisture test, repairing flashings, seams and patching holes and splits.

ELIMINATING SEAMS AND JOINTS

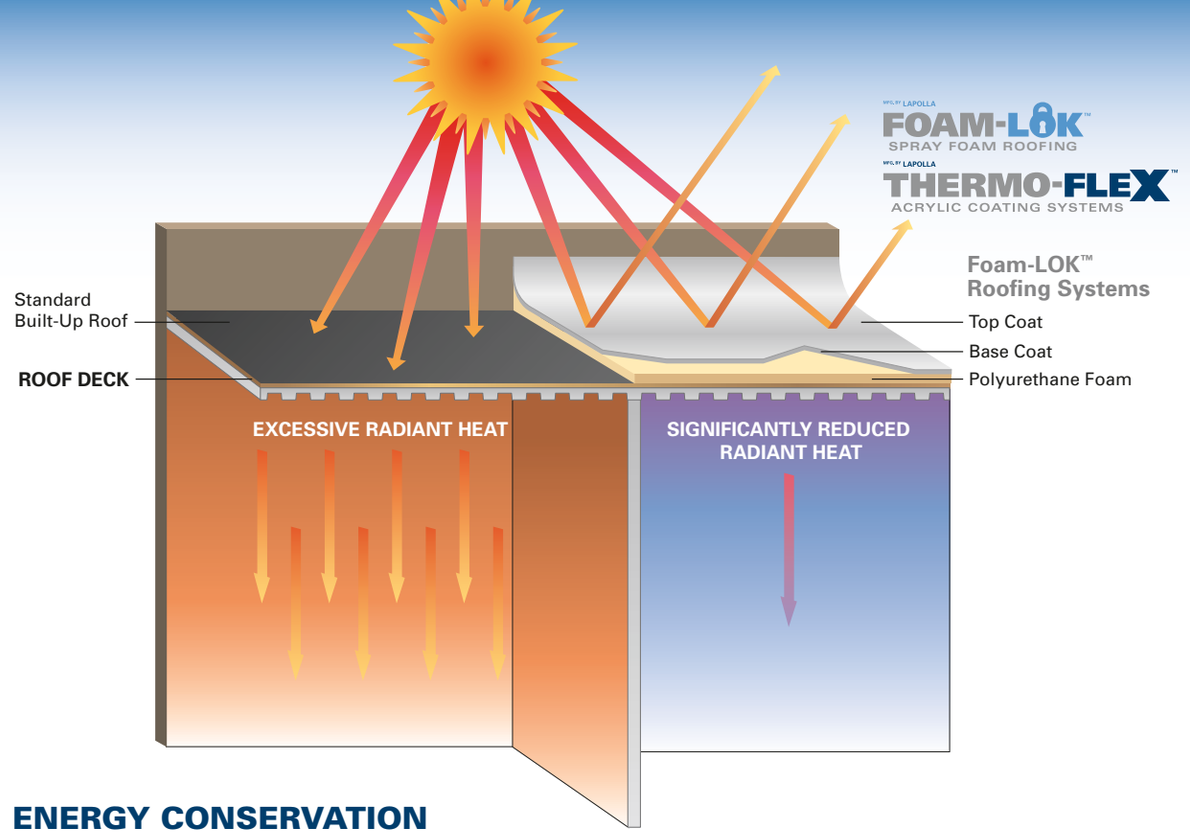
Foam-LOK does exactly what it says, it locks every portion of the roof in to place, creating a monolithic membrane that eliminates the need for mechanical fasteners, the number one cause of roof leaks. Foam-LOK can also be applied to vertical surfaces and is self-flashing.

BUILDING PROPER DRAINAGE

Foam-LOK is spray applied to the roof's surface making it possible to vary the thickness of the foam and ensure proper drainage. Proper drainage prevents ponding water, and helps protect your roof from leaks and potential roof failure.

REPAIR VS. REPLACE

Foam-LOK is a rigid, closed-cell, spray polyurethane foam that is manufactured by Lapolla Industries. Foam-LOK can be applied over most roofing substrates. This application technology offers an option to either re-cover or repair existing roofs. The cost savings is realized by eliminating the construction cost of tearing off the entire roof and closing a facility/building for roof repairs.



ENERGY CONSERVATION

Foam-LOK will minimize your energy consumption by controlling the weather extremes of heat loss and heat gain through the roof system. Reduce the amount of energy needed to heat and cool the building while keeping temperature extremes to a minimum.

WEATHER DURABILITY

Wind uplift is the primary cause of wind damage. Over time a traditional roof will be affected by the partial vacuum created by the wind blowing over the edge. This vacuum pushes up on the bottom side of the roof assembly and loosens fasteners, reduces the strength of the adhesion, and makes the roof vulnerable to future gusts of wind.

Independent laboratories have performed tests showing that polyurethane foam enhances wind uplift resistance. Polyurethane foam roofs can also be repaired from wind damage much more quickly than a traditional roof.

MEMBRANE VS. SPRAYED POLYURETHANE FOAM SYSTEMS

ROOF TYPE	SYSTEM DESCRIPTIONS			EFFECTS OF WEATHER		
	ASSEMBLY	FLASHINGS	ATTACHMENT	PROJECTILES	WIND	WATER
SPF Roofing	Continuous surface with no edges, seams or joints	Self-flashing	Self-adhering (adhesion without fasteners)	Resists missile damage and penetration	Grips building wall to resist high winds	Continuous surface protects against water intrusion
Membrane Roofing	Overhangs, overlaps, seams and joints	Attached flashings	Secured to roof deck with fasteners	Subject to damage and penetration	Can lift off or peel under high wind	Peeling exposes building to water intrusion

ADDED PROTECTION

Elastomeric protective coatings are widely used over spray polyurethane foam roofs and as a "Cool Roof" coating. They are ENERGY STAR® compliant and most have earned the Cool Roofing Ratings Council CRRC® rating due to their high reflectivity of harmful UV rays.

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THERMO-FLEX™
ACRYLIC COATING SYSTEMS

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THERMO-SIL™
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To request a roof inspection of an existing roof or to learn about our Foam-LOK™ spray foam roofing specifications and detailed drawings, contact: