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Host of Extreme Makeover: Home Edition

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ICYNENE  **LAPOLLA™**

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LR-200 Updated 06.01.18

FOAM-LOK™
SPRAY FOAM ROOFING

THERMO-FLEX™
ACRYLIC COATING SYSTEMS

THERMO-SIL™
SILICONE COATING SYSTEMS

Lapolla FOAM-LOK™ Spray Foam Roofing Systems

High Performance Solutions for Energy Conservation & Waterproofing

The Spray Foam and Coating Systems for:

- ▶ Weather Durability
- ▶ Energy Conservation
- ▶ Repair vs Replace
- ▶ Life-Cycle Cost Reduction





BEFORE



AFTER



The Benefits of a Spray Foam Roofing System

The FOAM-LOK™ Spray Polyurethane Foam Roofing System is suitable for a wide range of commercial, agricultural, industrial and residential applications. This advanced insulation and roofing system is applied to any shape and substrate. The system seals the building envelope to stop heat transfer through the roof deck, minimize air conditioning from escaping, and restrict unconditioned air from entering the building.

Weather Durability

Over time, a traditional roof will be affected by the partial vacuum created by the wind blowing over the edge onto the field of roof, which pulls the roof assembly away from the substrate, making the roof system vulnerable to gusts of wind. Independent laboratories have performed tests showing that spray foam significantly enhances wind uplift resistance.

Energy Conservation

FOAM-LOK insulation minimizes energy consumption by controlling heat loss and heat gain through the roof system, reducing the amount of energy needed to heat and cool the building while keeping temperature extremes to a minimum.

Repair vs Replace

FOAM-LOK spray foam roofing 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.

Life-Cycle Cost Reduction

Eliminates the need for dozens of other components typically used in traditional roofing, providing slope to drain and self-flashing performance. The system is fully adhered eliminating the need for mechanical fasteners, stopping all thermal bridging without compromising the integrity of the substrate. Also adds value in a retrofit application by alleviating the need for expensive tear-off and disposal costs.

Accreditations

The FOAM-LOK roofing systems meets or exceeds all national building code requirements, including Miami-Dade County, ICC and Factory Mutual.

Lapolla FOAM-LOK Systems

• FOAM-LOK Roofing Spray Foam

Closed-cell polyurethane spray foam specifically designed to deliver a high performance, fully adhered roofing system providing insulation and waterproofing over a variety of roof deck substrates and configurations. FOAM-LOK creates a monolithic membrane eliminating the need for mechanical fasteners and is ideal for low-slope roofing application in new and retrofit construction.

• Thermo-FLEX Acrylic Elastomeric Coating

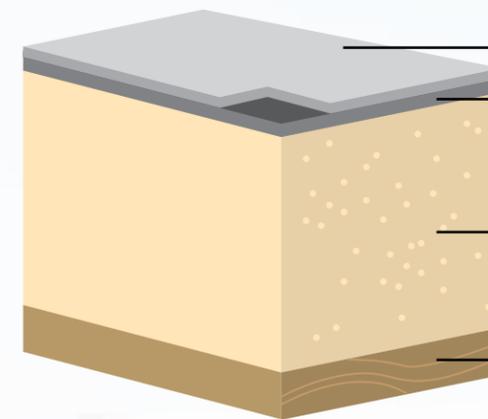
100% acrylic elastomeric water-based roof coating designed to provide a protective wear surface, reflectivity and renewability. When used over FOAM-LOK 4G Spray Foam, the system provides enhanced energy savings and waterproofing to protect the structure and contents of the building. Thermo-Flex is formulated using an advanced 100% acrylic polymer technology and is ideal for low-slope roofing applications with positive drainage in new and retrofit construction. Acrylic elastomerics provide an economical solution, available in standard, quick-set and fast-set formulas.

• Thermo-SIL Silicone Elastomeric Coating

A silicone elastomeric high-solids roof coating designed to provide a protective wear surface, reflectivity and renewability. Silicone is a moisture-cured roof coating designed to provide long-lasting performance in the most rigorous climates. Thermo-Sil resists standing water, chemical exposure, and has outstanding low temperature flexibility characteristics. Thermo-Sil is available in a low solids and high solids, low VOC formula.

• GE Enduris

100% silicone liquid roof coating, a high-solids material providing resistance to extreme temperatures and UV damage. Currently available in totes, drums and pails and in standard colors white, tan, medium gray and dark gray. Custom colors may be requested.



Thermo-Flex 100% Acrylic elastomeric roof coating or Thermo-Sil Silicone roof coating provides UV protection and waterproofing

Thermo-Prime acrylic base coat

One inch or more of FOAM-LOK closed-cell, spray-applied polyurethane foam provides primary waterproofing and insulation

Substrate can be an existing roof system or a roof deck

