

LaPolla Industries is the leading manufacturer and supplier of Spray Polyurethane Foam (SPF) for the perimeter insulation industry in North America. As the industry leader, LaPolla provides spray equipment for end-users around the world building successful partnerships with turn-key comprehensive training, sales and technical support.

LaPolla has made a corporate commitment to developing eco-friendly products and "Green Building Materials" for a worldwide industry.

With a strong national presence from coast to coast, LaPolla is dedicated to providing quality products, working solutions and support to Building Owners, Design Professionals and Contractors. *Our Promise to You... Quality Every Time.*



**FL-500 Open Cell Wall Insulation**



**Benefits:**

- Seamless Air Barrier
- Superior Air Quality
- High Insulation R-value
- Resists Mold Growth
- Reduces Noise



*Healthier Living • Quality Airspace*



*All installations must be applied by a trained professional strictly adhering to product stewardship as well as all applicable code requirements. Contact LaPolla Industries, Inc. for support and any required technical documentation.*



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# FL-500 OPEN CELL WALL INSULATION

"Heating and Cooling [space conditioning] accounts for 50% – 70% of the energy used in the average American home."  
— U.S. Department of Energy



## The FOAM-LOK™ Insulation System

**FL-500 Wall Insulation** is an Open Cell Spray Foam Insulation and Air Barrier System that has become the industry standard for providing the ultimate building envelope performance. Safe, eco-friendly and energy efficient, **LaPolla's FL-500 Wall Insulation** is a breakthrough technology in moisture and thermal management.

A two component system that when installed following application guidelines, **FL-500 Wall Insulation** adheres tenaciously to framing members and substrates and minimizes air leakage for increased energy efficiency, creating a healthier indoor environment.

**FL-500 Wall Insulation** is applied as a liquid expanding 100 times its volume in seconds to fill every crack and crevice while remaining flexible to maintain the integrity of the building envelope's seal. It does not shrink, sag or settle and remains intact over the life of the building. Its performance is superior to commonly used fiber-glass batt or board stock. In just minutes after initial spray application, **FL-500 Wall Insulation** is totally cured, inert, and ready for drywall installation.



"Today, it is estimated that in residential and small commercial buildings, over 50% of the energy loss is associated with heat transfer and air leakage through building envelope components."  
— Oak Ridge National Labs

## Wall Insulation Comparison

POSITIVE FEATURES	FOAM-LOK 500 Wall Insulation	Fiberglass Batts	Cellulose	Blown-in Fiberglass
R-Value per inch	3.9	3.6	4.0	3.2
Provides Seamless Air Barrier	✓			
Perfect fit every time	✓			
No HFAs, HCFCs, or HFCs used	✓	✓	✓	✓
Contains no formaldehyde	✓		✓	
No harmful emissions after installation is complete	✓		✓	
Potential for down-sized HVAC	✓		✓	
Doesn't sag or settle over time	✓		✓	
Reduces airborne sound transfer	✓	✓	✓	✓
Stops airborne moisture transfer	✓		✓	✓

**Healthier • Quieter • Energy Efficient • Reduces Airborne Sounds**  
**FL-500 Wall Insulation** also offers greater design freedom.

Unlike traditional insulating materials such as fiberglass or cellulose, **FL-500 Wall Insulation** can seal and fill all the tiny cracks and seams you might not even see. The seamless material virtually eliminates energy-wasting air infiltration. A home built to the American Lung Association® Health House® guidelines is constructed "airtight" to improve energy efficiency and prevent unplanned moisture movement. Although many stories in the media attribute indoor air quality problems to houses being built too tightly, the reality is the opposite. And there is more...

With the elimination of air infiltration, HVAC equipment can be downsized bringing an immediate dollar-savings. **FL-500 Wall Insulation** also helps control moisture condensation, it won't shrink or settle, and it's fire and insect-resistant with an ASTM E-84 Class I rating at 6". Verify your local codes for interior application and thermal barrier requirements.



**FL-500 Wall Insulation** maintains its performance over time with no potential loss of R-value due to compression or slippage in the walls.

## PRODUCT ADVANTAGES

- SEAMLESS PROTECTIVE ENVELOPE
- ELIMINATES AIR INFILTRATION
- EXCELLENT ADHESION
- ENERGY SAVINGS
- AVOIDS THERMAL BRIDGING
- REDUCES/ELIMINATES CONVECTION CURRENTS WITHIN WALLS
- HEALTHIER LIVING • QUALITY AIRSPACE
- CONTINUOUS AIR BARRIER
- REDUCES HEATING/COOLING COSTS
- ENVIRONMENTALLY FRIENDLY
- DOES NOT PROMOTE MOLD GROWTH
- REDUCES ENERGY CONSUMPTION AND CAN PAY FOR ITSELF OVER TIME

**FOAM-LOK 500 Wall Insulation** is the right choice for more reasons than R-value alone; effectively combatting air infiltration to reduce energy loss and build a healthier, energy-saving building envelope for you and your family.

Our Promise to You... Quality Every Time. In materials, application, energy savings, environmental sensitivity, in overall value, and customer support. Quality Every Time.

Contact us today and allow our sales specialists to assist you in project planning with **FOAM-LOK 500 Wall Insulation**.



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