

## LaHabra EIFS Offering

LaHabra has an EIFS for the needs of the structure you are building or renovating. We offer three types of high performance EIFS to best meet your needs in price and performance.

LaHabra offers two drainage options: Insul-Flex WaterMaster LCR (Light Commercial Residential) and Insul-Flex WaterMaster. These systems make up a matrix based on product performance and drainage capability.

*"We offer three types of high-performance EIFS..."*

### Insul-Flex

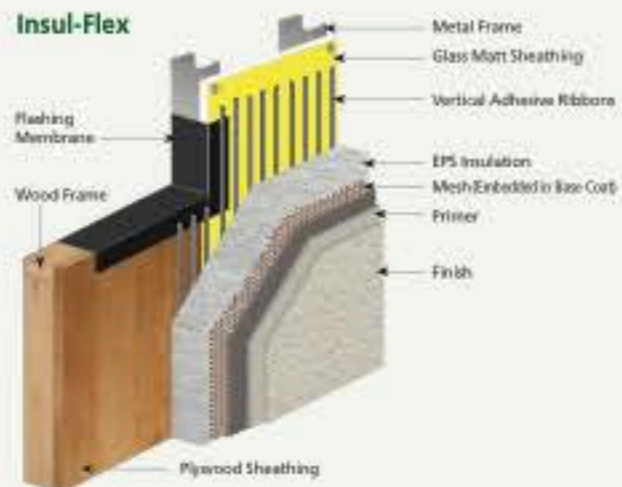
A classic EIF system that provides superior thermal insulation and flexible design.

### Insul-Flex WaterMaster

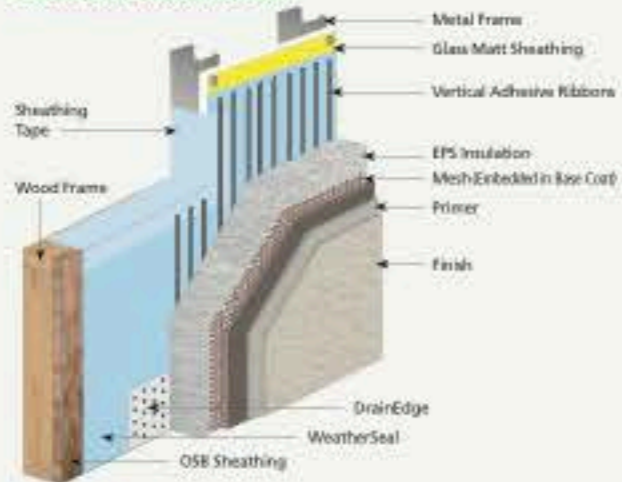
Our best drainage EIF system. The system incorporates vertical ribbons of adhesive to provide an optimal drainage plane. In addition to the vertical ribbons, this system makes use of our WeatherSeal liquid applied water-resistant barrier. It provides protection against incidental moisture and acts as an air barrier. The air barrier takes the already energy efficient EIFS and gives it a boost by limiting air flow while remaining vapor permeable.

### Insul-Flex WaterMaster (Light Commercial Residential)

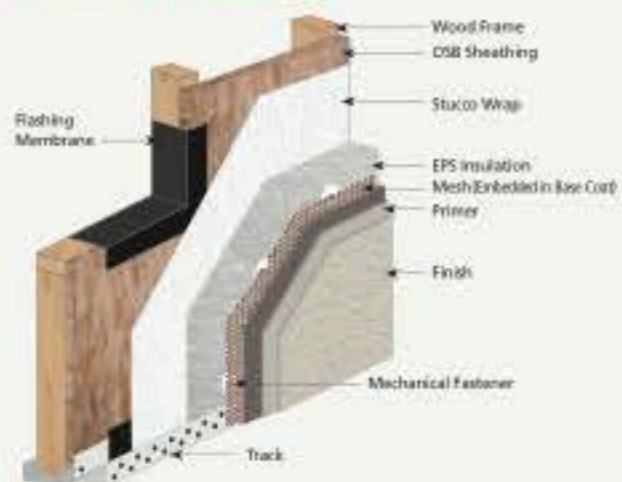
A drainage EIF system for wood-framed light, commercial and residential construction. Using many of the same components of our EIFS the Insul-Flex WaterMaster makes use of "Stucco Wrap" to provide a water-resistant barrier and a means of drainage for incidental moisture.



### Insul-Flex WaterMaster



### Insul-Flex WaterMaster LCR



## LaHabra EIFS Materials



### WATER RESISTANT BARRIER

**WeatherSeal:** the industry leading waterproof membrane & air barrier for use as a water-resistant barrier used in the LaHabra Insul-Flex WaterMaster system. LaHabra WeatherSeal is easier to apply and makes applicators more efficient than other roll-on barriers because one product treats both the field and board joints.



### EPS INSULATION

**Insulation:** made of Expanded Polystyrene (EPS) insulation board provides excellent thermal protection. Made under third party quality control.



### BASE COAT & ADHESIVE

**Insul-bond wet and Insul-bond dry:** a factory controlled blend of proprietary raw materials. Insul-bond wet and Insul-bond dry are used as both an adhesive to adhere EPS to approved substrates and as a base coat to embed mesh. Insul-bond wet is packaged in a pail and requires the addition of cement. Insul-bond dry is packaged in a bag and requires only water to be added.



### FIBERGLASS MESH

**Reinforcing Mesh:** Coated fiberglass that is alkali resistant embedded in base coat (listed above) and required on all LaHabra EIFS to provide strength and flexibility to the EIFS. Mesh is available in varying weights to provide different levels of impact resistance.



### PRIMER

**Primer:** A tintable acrylic primer that can be applied by roller or sprayer. Use primer to improve the handling, texturing, and coverage of finish.



### FINISH

**Finishes:** LaHabra offers a number of finish options for your LaHabra EIFS in standard and unlimited custom colors.

- **Perma-Finish EIFS & Stucco Grade Finish:** Integrally colored acrylic finish available in 4 different textures, Smooth, Fine, Swirl and Coarse.



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# LaHabra®



## LaHabra EIFS

- Insul-Flex WaterMaster
- Insul-Flex WaterMaster LCR
- Insul-Flex

\*Drawings are for illustrative purposes only and are not a substitute for LaHabra specifications and detail drawings.

## About LaHabra

Since 1926 – LaHabra has become the brand you can depend on for quality stucco & EIFS products. Today, LaHabra continues to set new standards for product quality, consistency, reliability and service. LaHabra is a stucco & EIFS industry leader in North America. As a pillar in the Facade industry LaHabra has been instrumental in contributing to the advancement of & EIFS and has developed many technological breakthroughs that are still in use today.



## Why LaHabra EIFS?

### Superior Energy Performance

LaHabra EIFS are preferred over other claddings due to their superior energy efficiency. By insulating the outside of the structure, EIFS reduce air infiltration, stabilize the interior environment and reduce energy consumption. This increased insulation provides a superior R-value and greater energy savings. Other systems allow heat and cold to pass more freely between the stud installation.



### Versatile Design

EIFS provide superior design flexibility and aesthetic appeal at an affordable price due to their limitless colors, wide variety of textures, and ability to conform into any architectural detailing, shape or design. EIFS allow applicators to effectively mimic the look of virtually any exterior cladding. LaHabra EIFS is the most versatile exterior cladding on the market today.

### Low Maintenance and Long Term Durability

Because LaHabra EIFS use advanced 100% acrylic polymers with an added special dirt pick-up resistant in its finishes, they are designed to limit the effect of long-term fading, peeling, cracking, dirt, mildew, mold and other pollutants. Our additives are approved by the Environmental Protection Agency. LaHabra EIFS is easily cleaned with a low power pressure washer and mild detergent. Little maintenance will increase the life of the EIFS while refreshing the aesthetics of your building.

## Superior R-Value

EIFS add to the "R-value" of a home or building wall. R-value is a measurement of the resistance to heat flow; the higher the R-value, the better the material's insulating value.

The Department of Energy's, Oak Ridge National Laboratory, tests prove that EIFS has superior R-value in relation to other leading cladding options. When it comes to considering how an exterior cladding can impact your buildings operating cost, LaHabra EIFS is the smart choice!

### Comparative Nominal R-Values of Wall Assemblies



\* Includes R-11 stud cavity batts, 1/2" sheathing and wallboard.  
\*\* Includes 3/4" XPS and 1/2" wallboard.  
Source: ASHRAE Handbook of Fundamentals.

## No Thermal Breaks

When EIFS is used on the outside of the building, studs don't break the continuity of the insulation. This type of outside insulation acts as a "blanket of continuous insulation" wrapped around the exterior of the building or home. Thermal breaks caused by

### Lost Energy Through Studs

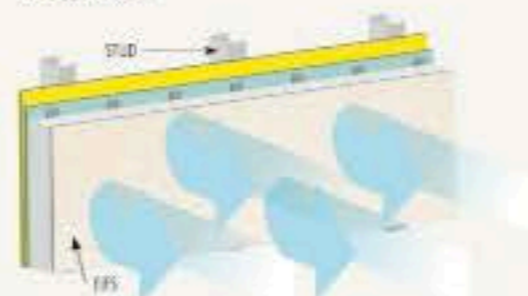


## Framing

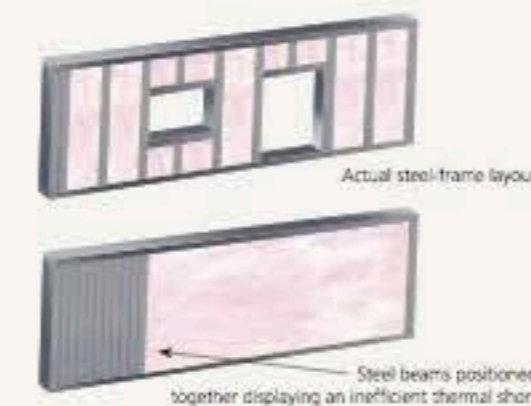
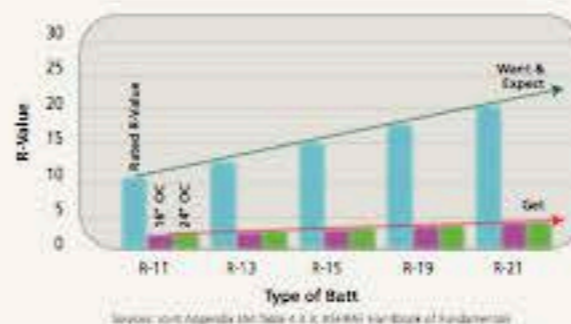
In a typical framed wall with only cavity insulation, over 25% of the wall area is insulated framing, forming a large thermal short. By installing foam insulation w/sheathing over the studs, a full insulation 'envelope' provides energy efficiency as well as a moisture barrier for the wall system - something structural panels are unable to provide.

studs provide an opportunity for energy to flow in and out of the building. Climate controlled air escapes and uncontrolled air invades the building, requiring the building's HVAC system to use more energy to maintain the desired temperature.

### Energy Saved



### Effect on Steel-Framed Wall "R-Value" of Batts @ 16" & 24"



## Light Weight

LaHabra EIFS is a high value exterior cladding. This lightweight system provides an opportunity to reduce investment in structural components that may be required for heavier cladding alternatives, thus lowering building costs.

### Comparative Weights of Wall Assemblies



## WeatherSeal

### Superior Water and Air Barrier Protection

WeatherSeal is a liquid applied water-resistive barrier that bonds directly to the substrate to resist air and water penetration. Use of WeatherSeal is required when using LaHabra's Insul-Flex WaterMaster drainage EIFS. A liquid applied water-resistive barrier and air barrier provides your structure with a durable, seamless moisture barrier resulting in superior drainage protection. As a liquid applied barrier, there is no risk for rips or tears which can significantly compromise the effectiveness of typical building papers.

WeatherSeal acts as an air barrier by bridging areas where energy can be lost in a structure due to the escape and intrusion of air. Decreased levels of energy required to maintain a desired temperature saves money. The U.S. Department of Energy estimates that uncontrolled air leakage can account for 30% or more of a buildings energy losses. As a water vapor permeable air barrier, WeatherSeal reduces the unintentional flow of air, while still allowing vapor to escape from the wall to avoid being trapped inside the wall cavity.

## Moisture Management

LaHabra EIFS protect your building from moisture by providing a barrier of finish, base coat, and EPS Insulation. If additional protection is required, LaHabra offers the latest in drainage EIFS. If any moisture were to make it through the initial barrier it would drain from the system through vertical channels of adhesive. Additionally, these systems come with LaHabra WeatherSeal to offer a secondary moisture barrier. In summary, LaHabra's EIFS provide a superior insulation and protection from moisture, is easily installed and reduces labor costs and energy costs for any wall system.