

# foam engineers

insulation professionals

## Our Approach

At Foam Engineers, we are personally committed to providing our customers with the best **Value** possible. We start with **Excellent Service** - accuracy and detail in our price competitive quote, prompt completion of paperwork and contracts, and planning of our work to accommodate your schedule. We follow this preconstruction service with a top notch jobsite crew that is focused on **Quality** - our crew understands that doing a job right the first time saves money. After installation our people are reachable to answer any questions. Our goal is to exceed your expectations so we can build a mutually beneficial and long-term relationship.



## Our People

Our people are professionally **Trained and Certified** in a variety of specialized applications. Having long-term motivated and conscientious employees allows us to continuously develop and refine our expertise. Our crew is **ABAA** trained and certified in all technologies; **OSHA** trained and certified; **Spray Foam** trained and certified; **E-Verified**; and **Drug** screened. The quality of our services is determined by the quality of our people - therefore, we employ only the best.



## Our Company

Foam Engineers is a local business located in Sullivan, MO that is owned/operated by David McClure. David is a Mechanical Engineer and certified Professional Engineer with more than **25 years** of related experience. Our employees work every day to expand our knowledge and stay at the forefront of building technologies. We believe the **future** is in more **efficient building structures** and will continue to invest in the **technology** and equipment that will allow us to provide the services required in a changing marketplace.



# Our Applications

## Spray Foam Insulation

**Open Cell Foam** is a cost-effective, high performance spray foam insulation material that air seals and insulates. It expands in place and fully adheres to the surface to which it is applied. It is a soft, lightweight, foam that is blown with water yet is dry just seconds after the application! If you want energy efficiency, but do not need the added features of closed-cell foam, this is the practical application.

Because of cost, **Closed Cell Foam** is less commonly used than open cell foam. Closed cell foam air seals and insulated just like open cell foam but it also offers the following advantages: higher R-value per inch; effective water vapor retarder; and increase building strength. Great for foundation walls, wine rooms, coolers, and metal buildings, we keep this material on hand for demanding applications.



## Foamed In Place Insulation

Commonly used to insulate CMU walls for customers like Wal-Mart, CVS, Lowe's, Babies R Us, Autozone, and many others, **Polymaster foamed-in-place insulation** is a very cost effective solution for insulating new or existing building. The pre-expanded foam is injected under pressure into block cavities where it fills up to 12 vertical feet from the injection hole. The benefit of this foam is that it is completely contained within the block so no special expensive wall coverings are required.



## Air Barriers

Rising energy costs and better building science are driving the demand for air barriers at the building envelope. We install three types of air barrier systems; **Fluid-Applied, Self-Adhered, and Spray Polyurethane Foam**. In practice, a newly constructed commercial building may include two or more air barrier systems. In response for the growing demand for more energy efficient buildings, Foam Engineers has achieved full certification by the Air Barrier Association of America (**ABAA**) so you can rest assured that you project is handled professionally and in accordance with the most current building practices.

## Acoustical Treatments for Sound Attenuation

Foam Engineers installs a unique product, manufactured by International Cellulose Company, called K13. This product is self-adhering and spray applied to walls and ceilings to absorb **sound** waves that would otherwise bounce off a hard interior surface, such as drywall. In addition, **K13** provides thermal insulation and can be left exposed since it comes in a variety of colors.



## Conventional Insulation Systems

In addition to the insulation systems shown above, Foam Engineers also installs conventional insulation systems such as **Blown Cellulose** or **Blown Fiberglass**, **Dense Pack Cellulose** or **Dense Pack Fiberglass**, and **Fiberglass Batts**. What sets Foam Engineers apart is our knowledge and ability to utilize several different types of insulation for a given job.

