

Eastbrook Energy Efficiency



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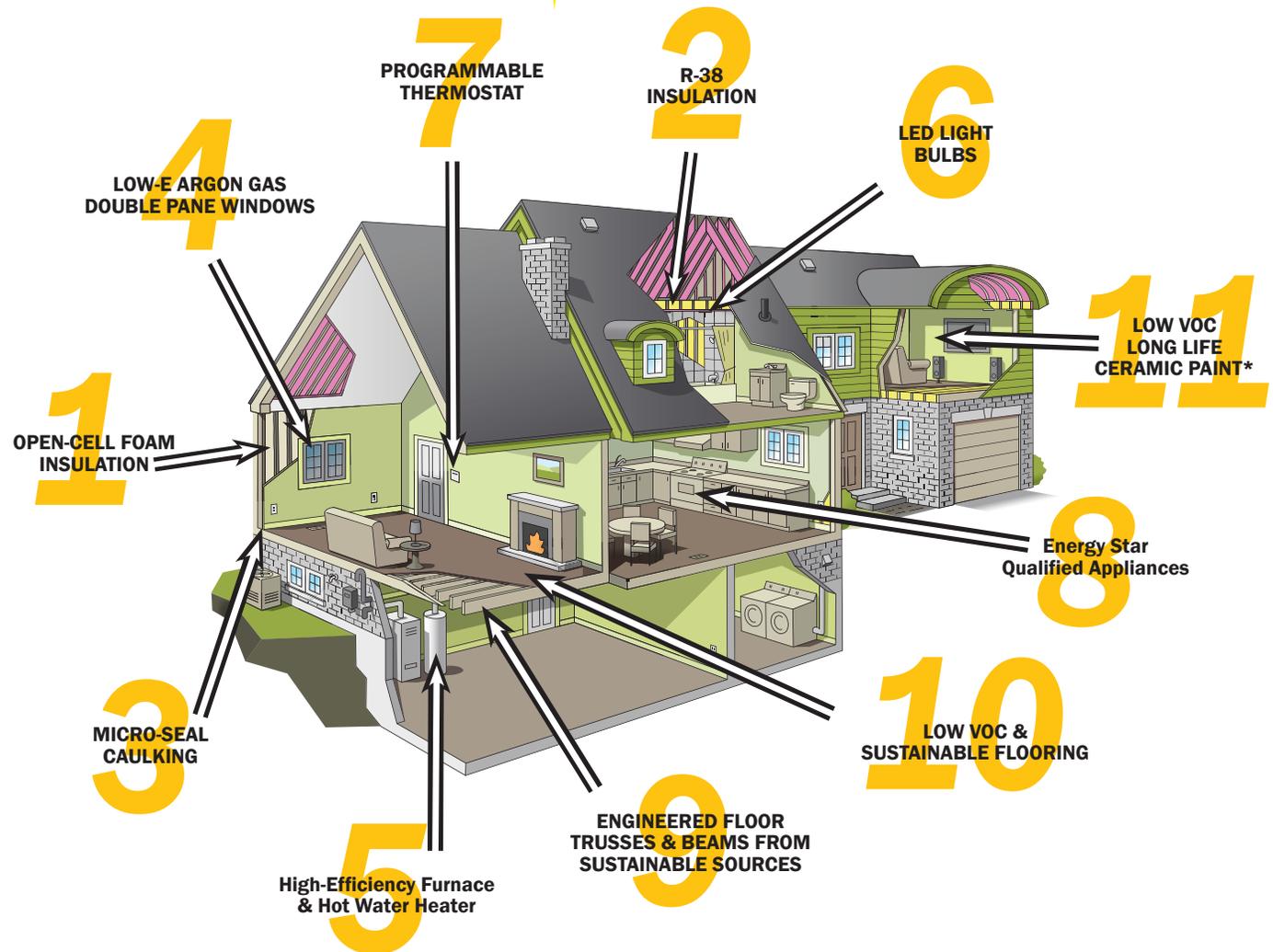
Steps to E³ Energy Efficiency.

Eastbrook is committed to building energy efficient homes. A home built with modern materials and appliances conserves resources, saves money, and increases the value of your home.

Even with the best modern construction techniques, your home still contains hundreds of cracks and seams. These small leaks can add up, creating an opening equivalent to a window left open all year long. Eastbrook believes that preventing air leaks is the first step toward an energy efficient home.

These techniques and processes combine to provide energy savings, sustainable building practices, and more home for the money.

To the right is a visual of the Energy Efficiency steps used in Eastbrook's home building process. Follow the graphic from Open-Cell Foam Insulation to the installation of our Energy Star Qualified Appliances. For more details on each step, see page two.



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Steps to E³ Energy Efficiency.

- 1 Open-Cell Foam Insulation**
- *Lowers Energy Costs and Reduces Noise*
Spray foam insulation is your home's first line of defense. Applied as a liquid, Open-Cell Foam expands to form a continuous air barrier, sealing leaks and preventing both active and passive heat transfer. Open-Cell Foam Insulation also offers the added benefits of dampening noise, and improving indoor air quality by reducing infiltration of outdoor allergens. *(Only in our Michigan communities.)*
- 2 R-38 Insulation - Lowers Energy Costs**
Used in conjunction with Open-Cell Foam Insulation for optimal effectiveness, traditional R-38 insulation serves as a further barrier to heat transfer.
- 3 Micro-Seal Caulking - Lowers Energy Costs**
Applying caulking where Open-Cell Foam Insulation can't reach, completes the air barrier that helps maximize the effectiveness of the energy efficiency measures incorporated in your home.
- 4 Low-E Argon Gas Double Pane Windows**
- *Lowers Energy Costs*
Low-E is an invisible metallic coating on the glass designed to reflect UV sun rays. The double panes of glass, filled with Argon Gas, offer an insulating air pocket that inhibits heat transfer. These features help keep your home cooler in the summer and warmer in the winter.
- 5 High-Efficiency Furnace & Hot Water Heater**
- *Lowers Energy Costs*
Providing better performance while consuming less gas, water, and electricity.
- 6 High-Efficiency Light Bulbs**
- *Increases Lighting Efficiency*
Provide approximately 90% more lighting efficiency than incandescent bulbs. High-Efficiency bulbs use less electricity, remain cool, save on replacement costs, and provide more light.
- 7 Programmable Thermostat - Lowers Energy Costs**
Offering more comfort for your dollar by targeting your home's temperature to match your daily routine, the combination of a modern climate control system and a smart thermostat help optimize your utility usage.
- 8 Energy Star Qualified Appliances**
- *Lowers Energy Costs*
Modern Energy Star appliances provide the same service, but use less energy. This saves you money on your energy bill and reduces the amount of greenhouse gases going into the atmosphere. When you shop for appliances, think of two price tags; the first one covers the purchase price and the second one is the cost of operating the appliance during its lifetime. The familiar Energy Guide labels can help you shop for energy-efficient appliances.
- 9 Engineered Floor Trusses & Beams from Sustainable Sources**
- *Lowers Energy Costs and Reduces Noise*
LP Building Products® provides materials that are superior in strength, performance, and efficiency. Their wood is sourced through programs certified under the Sustainable Forestry Initiative® and they invest in reforestation, land management, and wildlife and water quality protection. Their manufacturing facilities are also managed to minimize waste and to promote air and water quality and conservation.
- 10 Low VOC & Sustainable Flooring**
- *Clean, Healthier, and Greener Home*
Shaw Floors® produces 85% of their products from recycled content and with responsible wood procurement. They also have low VOC ratings, Cradle to Cradle certification, and are committed to transparency and community engagement.
- 11 Low VOC Long Life Ceramic Paint***
- *Clean and Healthier Home*
We offer O'Leary Ceramic Paint®, which provides lower VOCs and higher durability than typical flat paint. Formulated with ceramic spheres to provide stain resistant properties, wash off finger prints, soil, grease, and many other stains with mild soap and water without harming the finish.



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