



# Insulating Your Home Continued

analysis that will estimate the savings and return on investment of insulating.

## Air Sealing

An average home leaks 50% of its air every hour. A good analogy is to think of your house as a boat. A boat that was this leaky would sink in one hour!

It is important that you test your home for air leaks and it is easiest to address this air leakage before you begin any renovations on your home. There is a healthy balance between a tight home, and a too tight home, so it is best to get professional help from an energy auditor or a knowledgeable insulation installer.

## Types of Insulation

Fiberglass is made from molten sand or recycled glass and other inorganic materials under highly controlled conditions.

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Foam insulations are available as rigid boards or foamed-in-place.

gaps, cracks, or openings. Foam insulation can also be used on an exterior wall, under siding. This is a great idea if you are planning on replacing or installing siding.

With a variety of backings such as polyethylene bubbles or foil-faced fiberglass, foam insulation can be used to reduce heat loss.

## Installation

Proper installation is essential for insulation to perform properly. The right technique should be used to address gaps and cracks. Batts must be installed very carefully, with no gaps between them. Improperly installed insulation does not perform and is a waste of your money and time.

## Installers

Look for insulation contractors that belong to the Insulation Contractors Association of America.

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## Smart Energy Living Alliance

*Building a better energy future*

### The Colorado Energy Science Center and E-Star Colorado have merged to create the Smart Energy Living Alliance (SELA).

Our mission: to help people make smart energy decisions.

SELA provides unbiased information, tools and resources to help consumers make intelligent, responsible energy decisions.

SELA helps consumers understand clean energy options, and then we help them find the products and services they need.

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