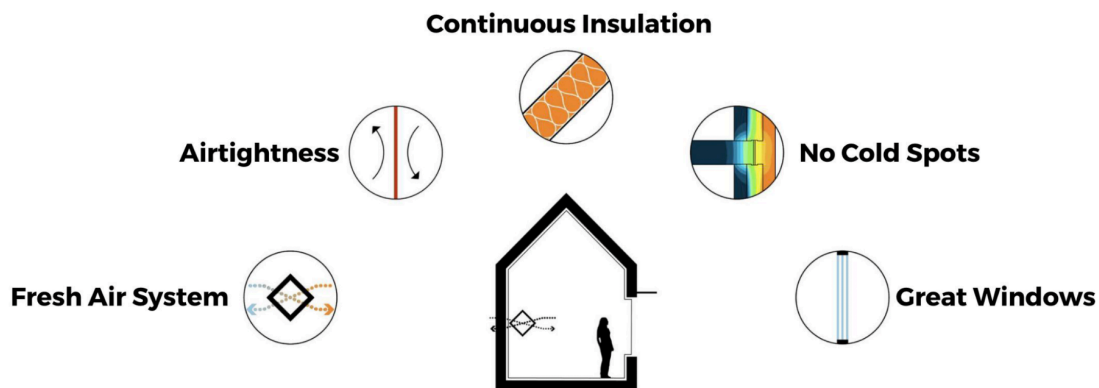


# Why Smart Homeowners in Colorado are Choosing Passive Home Design

As a custom home builder located in the Colorado Rockies, Old Country Construction sees firsthand how homeowners are becoming more intentional about energy efficiency, comfort, and long-term value. With Colorado's wide temperature swings, intense sun, cold winters, and growing energy costs, passive home building methods are quickly becoming one of the smartest ways to build a high-performance home while simultaneously minimizing environmental impact.

## INTEGRATED METHODOLOGY: PASSIVE HOUSE

### Building as integrated systems



## What Is Passive Home Building in Colorado?

Passive home building — often associated with the standards of the [Passive House Institute](#) — is a design philosophy that reduces a building's energy needs through intelligent design rather than a heavy reliance on air-conditioning and heating systems. The pillars of high-performance passive home building include:

- Exceptional insulation and airtight construction
- High-performance doors and windows (often triple-pane)

- Strategic solar orientation
- Heat-recovery ventilation systems

The result is a home that's not only peacefully quiet inside, but one that stays comfortable year-round with minimal energy input.

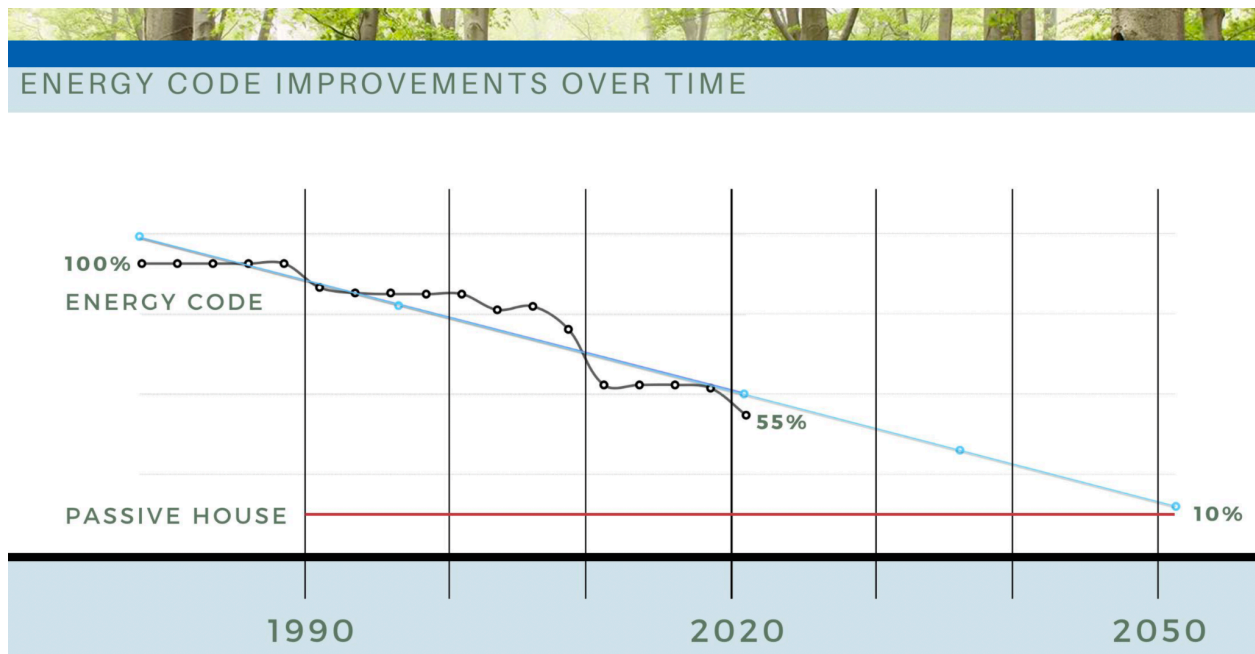
## Dramatically Lower Energy Bills

One of the biggest advantages of passive homes is their superior energy efficiency. By reducing heat loss and maximizing natural heat gain, passive homes can use up to 75% less energy for heating and cooling compared to conventional houses.

This means:

- Lower monthly utility bills
- Less dependence on fossil fuels
- Long-term savings that often outweigh the initial construction costs

Over the lifespan of the home, these savings can be substantial.



## Superior Indoor Comfort

Passive homes are designed to maintain consistent indoor temperatures throughout the year. No cold drafts, no overheated rooms—just steady, comfortable living conditions.

Key comfort benefits include:

- Even temperatures in every room
- Minimal noise from outside due to airtight construction
- Excellent indoor air quality through controlled ventilation systems

This creates a living environment that feels noticeably calmer and healthier.

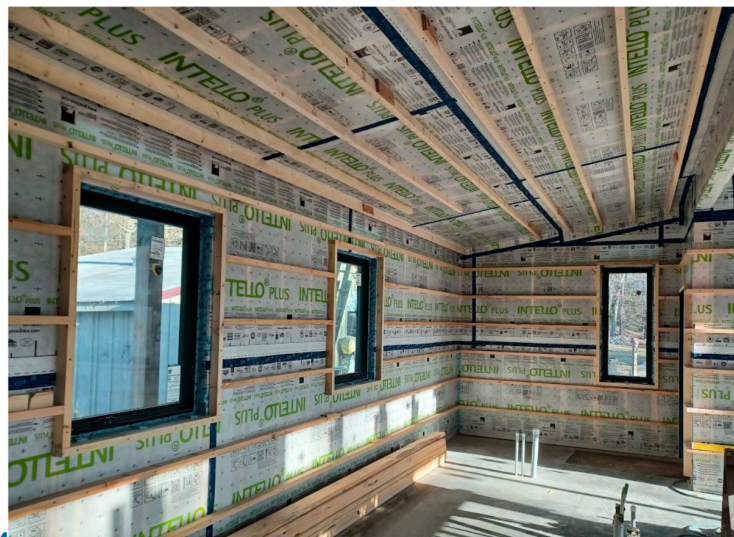
## Environmentally Responsible Design

Passive homes significantly reduce carbon emissions by using far less energy. Many passive designs also integrate renewable energy sources such as solar panels, making them even more sustainable.

By choosing passive building methods, you are:

- Lowering your carbon footprint
- Supporting long-term environmental resilience
- Contributing to climate-conscious construction practices

It's a practical way to align your home with environmental values.



## Long-Term Durability and Quality

Passive homes are built with precision and high-quality materials. Airtightness, insulation, and moisture control all contribute to a building that lasts longer and requires less maintenance.

This means:

- Fewer structural issues over time
- Reduced repair and maintenance costs
- Higher resale value due to performance and efficiency

Quality construction is not just about comfort—it's an investment.

## Why Choose Old Country Construction for Your Passive House?

Old Country Construction's founder, Seth Denlinger, is one of only a handful of Certified Passive House Tradespeople serving southern Colorado communities such as Westcliffe, Cotopaxi, Canon City, and Salida. Old Country Construction has hands-on experience with the most advanced high-performance building methods, including B.Public Prefab panels and our own in-house insulation division. If passive home design aligns with your goals, we'd love to hear about your project. Please [email us](#) or fill out our [contact form](#), and we'll be in touch soon.



*Image credits: Old Country Construction and 475 Supply*