

see the difference a wall makes

you can't see what's behind your walls, but trust us, it matters.
see the difference between traditional construction and energy-efficient construction.



Old Way

Our Way

roofs & attics

Traditional construction uses solid wood sheathing under the roof shingles. Instead, we use a foil-faced sheathing that reflects additional heat in the summer, reducing your stuffy attic by as much as 30 degrees.

windows & doors

Typically, most contractors stuff fiberglass around the gaps of windows and exterior doors. Fiberglass isn't great at stopping air infiltration, and compressing the product also reduces its effectiveness. We use non-expanding foam in these areas to ensure a proper air seal. Also in traditional construction, support headers above windows and doors are solid wood, which has a lower R-value than insulation and creates cold spots. We use rigid insulation board between these areas to increase the R-value and eliminate this problem.

Which looks better?



HINT: The one on the right uses foam to create a tight air seal.

exterior walls

Building code requires R13 insulation in the exterior walls, but we do way better! Our minimum R-value is R15, the highest available in fiberglass insulation for 2x4 walls. We use the environmentally-friendly ECOBATT by Knauf, because it's made of sand and recycled glass, and has no harmful chemicals like formaldehyde or acrylic binders.

But we don't stop there. Traditional construction uses OSB for exterior sheathing, but we use structural insulation from DOW, with an R3 R-value. Along with bringing the total increased wall value to R18, using continuous insulation on the exterior is one of the best ways to insulate a home since it reduces the thermal breaks of the wood framing.

What's on the outside?



Structural insulation adds R-value and reduces thermal breaks.

band joists

The space between each floor in your house is call the band joist, which is a big source of air leaking in and out. Traditional construction uses fiberglass here, but it's not the best product to stop air infiltration. That's why we upgrade our homes with open cell spray foam. Spray foam fills all gaps and cracks and completely seals this problem area.

crawl spaces

Say goodbye to gross traditional crawlspaces. We create a conditioned crawlspace by insulating the walls with Thermax insulation board. Even though the nice, clean space is a great storage benefit, the main purpose is to keep HVAC and ductwork inside the building envelope. This greatly reduces heating and cooling costs because any leaks in the ductwork or around the HVAC unit don't leak to the outdoors.