



## - Why the Blown in Blanket System (BIBS) should be your go to Insulation –

### **Why the Blown-in Blanket System (BIBS) with Fiberglass Should Be Your Go-To Insulation Solution**

Let's be honest insulation probably isn't the hottest topic at your next dinner party. But it **is** one of the smartest, most impactful investments you can make for your home or building. Enter the Blown-in Blanket System (BIBS) with fiberglass: insulation that's reliable, efficient, and yes, a little bit awesome. Whether you're a contractor looking to offer your clients a superior option, or a homeowner ready to boost comfort and savings, BIBS deserves a spot at the top of your list. Ready to find out why? Let's dive in.

### **So, What Exactly is BIBS?**

Imagine ditching those rigid, awkward batts that never quite fit right, and instead wrapping your walls in a soft, fluffy blanket of fiberglass insulation—blown right into every nook and cranny. That's BIBS in a nutshell.

Using specialized blowing machines, loose fiberglass is pneumatically pumped into wood-framed wall and ceiling cavities. A sturdy mesh netting holds the insulation firmly in place, creating a seamless, dense "blanket" that snugly fills around pipes, wires, and other obstacles. The result? Maximized thermal efficiency with no voids or air gaps, delivering the highest full-cavity R-values available today.

Once the cavity is filled and the insulation is properly packed, a vapor barrier is installed over the mesh to complete the system. Properly installed BIBS never settles, providing consistent insulation performance for the lifetime of the building.

### **Why Fiberglass + BIBS = Insulation Perfection**

Fiberglass has long been a star player in insulation, thanks to its many advantages. Made mostly from recycled glass, it's lightweight, fire-resistant, and moisture-resistant—key traits for a healthy, durable building envelope.

Pair that with the unique blown-in application of BIBS, and you get:

- **Custom fit:** Unlike batts, BIBS perfectly fills every irregular space with no gaps, no sagging, no cold spots.
- **High density:** Fiberglass is packed tightly enough to prevent air movement inside cavities, reducing heat loss from convection.
- **Durability:** The containment net ensures the insulation stays exactly where it's needed year after year.
- **Sound control:** That fluffy blanket doesn't just trap heat; it also absorbs sound, helping create a peaceful indoor environment.

### Why it is a great choice for contractors.

- **Fits every project:** From new construction to retrofits, BIBS adapts to all wall types and cavity shapes. Plus, it pairs seamlessly with other insulation methods like spray foam.
- **Stand out professionally:** Offering BIBS means delivering top-tier energy performance that meets or exceeds building codes, making your work stand out. 2 of our contractors that used the BIBS had a blower door test last year and both of their projects had results that were what you would find in a PASSIVE home. (to learn more, check out our blog on blower door test)
- **Cleaner installs:** Compared to spray foam or cellulose, BIBS produces less mess and dust, keeping job sites tidy and efficient.

### Why Homeowners Should Choose BIBS

- **Lower energy bills:** Superior insulation means less wasted heating and cooling energy hello, savings!
- **Year-round comfort:** No more chilly drafts or overheated rooms just steady, cozy temperatures.
- **Healthier indoor air:** Fiberglass resists moisture and mold growth, plus it's non-toxic and fire-resistant.
- **Quieter living:** BIBS reduces outside noise, turning your home into a tranquil retreat.

### BIBS and Sustainability

Fiberglass insulation contains a high percentage of recycled materials, making BIBS a sustainable choice. By reducing your energy consumption, it also helps shrink your carbon footprint—good news for your wallet and the planet. And because it's non-combustible and doesn't off-gas harmful chemicals, you can rest easy knowing your insulation is safe.

### The Science Behind BIBS: How It Works

At its core, insulation's job is to slow heat transfer through your building's envelope. Heat travels by:

1. **Conduction:** Direct flow through solid materials.
2. **Convection:** Heat carried by moving air currents.
3. **Radiation:** Infrared energy traveling in waves.

BIBS tackles all three:

- **Reducing conduction:** Fiberglass fibers trap millions of tiny air pockets—air is a poor heat conductor, so these pockets slow heat flow.
- **Minimizing convection:** The dense packing restricts air movement inside cavities, cutting down convective heat loss.
- **Dampening radiation:** While fiberglass doesn't block radiation directly, the uniform dense layer reduces temperature gradients, lowering radiant heat flow.

A key advantage of BIBS is **density control**. The fiberglass is blown in at pressures that achieve densities around 2.5 to 3.0 pounds per cubic foot—much higher than loose-fill insulation without containment. This high density strengthens resistance to air movement and prevents settling over time, ensuring consistent performance without cold spots or gaps common in batt installations.

Whether you're building new or upgrading, the Blown-in Blanket System with fiberglass offers a scientifically sound, efficient, and durable insulation solution. Contractors gain a flexible,

reliable product that meets modern energy standards with less hassle. Homeowners enjoy cozy, quiet homes and energy savings that last a lifetime. Next time you think insulation, think **BIBS** because your walls deserve a blanket that truly works.

Interested in learning more or connecting with a certified BIBS installer? Reach out today we're here to help make your insulation project a success!



*Insulation isn't sexy it's Smart*