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About BIBS®

Premier Insulation

Blow-In-Blanket insulation works with any blueprint, fits any configuration. Cavities. Curves. Vaulted ceilings. Crawl spaces. Custom windows. The Blow-In-Blanket System (BIBS®) is a proven, time-tested, premium insulation that fits any configuration, any custom situation, any size home. It blows in easily, fills completely and lasts for the life of your home.

BIBS Fills gaps and voids for thermal efficiency. Unlike other insulation systems that may leave voids or gaps, BIBS completely fills the space, which controls sound and reduces air infiltration in the wall cavity. So your house is snug, secure, thermally efficient and draft-free. BIBS is safe and easy to install. Developed by Ark-Seal almost 20 years ago, BIBS is the most widely accepted and independently tested blown-in wall system used today. Little wonder - it's easy to apply, clean, fast and effective. It's also fire-resistant, moisture-resistant, and does not attract or act as sustenance for animals.

With BIBS, loose-fill insulation is blown behind netting using specific installation techniques. BIBS is licensed by Ark-Seal to independent contractors so only qualified installers can apply it. And only approved insulation products may be used. These include Johns Manville Climate Pro® or SpiderFiber®, CertainTeed InsulSafe® SP or Optima, and Perimeter Plus by Knauf Insulation.

BIBS offers optimum comfort and performance.

It's simply superior, from top to bottom. In addition to sidewalls and metal framing, BIBS is ideal for under floors, in ceilings and wherever acoustic control is needed. BIBS is the perfect insulation for today's custom homes. It offers outstanding thermal performance and high R-values, cutting utility bills and leaving you with an energy-efficient home. It never settles or separates, corrodes pipes or wires, or produces mold or mildew.

Certified Installation

When you select Blow-In-Blanket insulation for your home, you are purchasing peace of mind. Insulation is only as effective as it is installed. If voids and gaps are left unfilled, heat and sound can pass from inside to outside and from room to room thus negating much of the insulation's protective properties. Therefore, it is paramount to use the finest quality materials combined with trained and certified people to install your home's insulation.

When you are building a home, it is important to have contractors of integrity who are committed to keeping the project on schedule while delivering the finest quality installation. The Installer Certification Training Program was developed with the homeowner in mind. No other product in your home is as critical to the overall comfort and energy efficiency for the life of the home. Blow-In-Blanket is a state-of-the-art, environmentally friendly, custom fit insulation process utilizing specially manufactured fiber glass blowing wools that are installed in your home by BIBCA certified professionals. This process provides you with the highest effective R-values attainable today.

There is no substitute for quality in your home; there is no substitute for the Blow-In-Blanket Contractors Association. We ensure peace of mind for you and your family.

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Energy Savings

Premier Insulation

Energy efficiency is defined largely as cost-effective ways to reduce energy consumption through existing and improved technologies as well as through sound energy use practices. The idea behind energy efficiency is quite simple - if people consume less energy, there will be less emission of greenhouse gases as the result of the burning of fossil fuels. That, in turn, means a greater supply of fossil fuels which can then be used for other purposes in both developed and developing nations. Energy efficiency technologies and practices can therefore play a significant role in reducing the threat of global climate change.

One of the easiest and most effective energy efficient technologies available today is insulation. Overall benefits from insulation are numerous, including thermal performance, personal comfort, sound control, condensation control, fire protection and personnel protection. The thermal insulating properties of insulation materials provide important energy and environmental benefits.

Insulation: Comparison Chart

DESIRABLE FEATURE	Fiberglass Batts	Wet Sprayed Cellulose	Closed Cell	Open Cell	Blow-In-Blanket®
Perfect fit every time					✓
Air barrier not required			✓		
Won't permit convection		✓	✓	✓	✓
Impermeable to moisture			✓		
Performance stability	✓				✓
No framing distortion	✓	✓			✓
Won't wick / absorb water	✓				✓
No formaldehyde content	✓		✓	✓	✓
No CFCs / HCFCs used	✓	✓		✓	✓
No settling / sagging			✓	✓	✓
Won't support combustion	✓				✓
Doesn't shrink	✓			✓	✓
No drying time required	✓		✓		✓
Easy to remove	✓	✓			✓
No food value for termites	✓		✓	✓	✓
No harmful emissions	✓	✓			✓
No horizontal sagging			✓	✓	✓
Closed cavity injectable					✓
COUNT	10	5	8	7	16

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Build Green

Energy-Efficiency

A 1996 study by the Alliance to Save Energy and Barakat & Chamberlin, Inc. reported that the insulation currently in place in the U.S. saves 12 quadrillion Btu's annually about 15% of the total national energy used. Fiberglass insulation is a proven energy-saving measure that accounts for the majority of those savings. The energy saved by fiber glass insulation installed in a building amounts to 12 Btu's annually for every Btu consumed in manufacturing. The BIBS® process is an efficient way to maximize those energy savings by delivering a complete, effective insulation system.

Permanent Performance

A BIBS®-insulated building has advantages that last the life of the building. A complete thermal envelope is achieved with no gaps or settling for maximum comfort, sound control and energy savings. Low moisture adsorbtion with no rot or deterioration and the plugging of cavities against humid air currents can increase the durability of the building. Fewer problems lead to happier homeowners and more profitable builders.

Pollution Reduction

The 1996 study also identified that by saving energy, insulation saves 1.56 trillion pounds of carbon dioxide from being emitted into the atmosphere each year, as well as other pollutants. Reducing air pollution in turn reduces effects on human health, local ecosystems, and global warming.

Resource Conservation

The BIBS® system utilizes glass fibers that have been engineered to deliver maximum insulation performance with minimum weight. Therefore the natural resources consumed to insulate a building with BIBS® are less than with competing insulation systems. The light weight and compressible nature of the BIBS® fiber requires less packaging material and less energy required for transportation. The basic raw material for glass is sand, a plentiful and renewable resource. Fiberglass is also manufactured utilizing recycled glass, which puts waste material to productive use.

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Sound Control

Sound Control

In this test, a small assembly was constructed with wood studs, resilient channels, and gypsum wallboard. Penetrations were made for a single and back-to-back metal electrical boxes, as shown in the graphs to the right. The assembly was tested with:

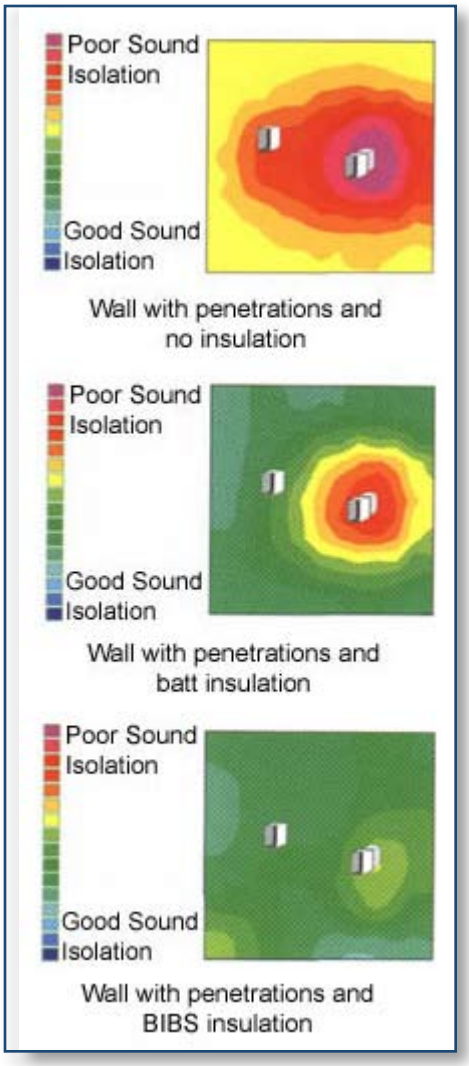
1-No Insulation, 2-Fiber glass batt insulations and
3-BIBS Insulation system

In order to simulate a field installation, instead of laboratory conditions, R-11 kraft-faced insulation was cut with up to a 1/8” gap around all three metal electrical boxes. No insulation was installed between the back-to-back electrical boxes.High sound levels were generated on one side of the assembly, and sound energy was transmitted through the panel. On the quiet side of the assembly, a sound intensity probe was used to scan the surface, measuring regions of locally high and low sound intensity levels.

Sound intensity contour maps were generated from the experiment to graphically display the sound energy transmitted through the wall. The colors indicate local regions of local regions of high and low sound transmission. The contour maps clearly show the leakage through the back-to-back electrical box penetrations, and slight leakage from the single metal electrical box penetration.

The three tested assemblies show great contrast in their overall levels, and demonstrate the importance of quality installation in sound-rated insulated assemblies. The small gaps in the R-11 batt insulated assembly can clearly reduce the effectiveness of the sound control of the wall in the 500 to 2000 Hz frequency range.

With the Blow-In-Blanket System and professionally-trained BIBS installers, the gaps, are virtually eliminated and superior sound control is achieved.



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