

A New Sidewall Defense

Knauf Perimeter Plus™
Blow-in-Blanket® System



Blow-In-Blanket® System

PERIMETER PLUS™





Knauf Perimeter Plus™ Blow-in-Blanket® System: An Innovative System that Creates a Thermal and Acoustic Barrier for Your Home

Homeowners want peace of mind that their home will be comfortable and energy-efficient throughout its life. So insulation must be installed to provide maximum thermal and acoustical efficiency, be moisture-free and not settle or deteriorate over time. The Knauf Perimeter Plus™ Blow-In-Blanket® System is the most efficient and economical insulation alternative available to give homeowners the assurance they're looking for.



The Blow-In-Blanket System (BIBS®) is tested and proven with credibility and momentum. Over 2 million homes have been insulated with BIBS since 1984. In addition, with increasing energy costs, homeowners and builders are seeing the benefits of well insulated homes. The Perimeter Plus Blow-in-Blanket System is perfectly suited to meet their raised expectations, broaden your product offering, and help strengthen your overall business position.



Installing Perimeter Plus



- 1 Perimeter Plus netting is trimmed to fit wall and ceiling assemblies.



- 2 The netting is pneumatically stapled every 1" to 1½" to wall and ceiling framing members.



- 3 An installation hole is created in the netting by puncturing with the end of the blowing hose.



- 4 Perimeter Plus Fiber Glass Blowing Insulation is then blown into the wall or ceiling cavities through the installation holes at a target density of 1.8 lbs./cubic foot.

Provide a Comfortable Environment.

This specially-engineered fiber glass insulation provides the maximum thermal efficiency—up to an R-15 in 2x4 and an R-23 in 2x6 construction—at a low installed cost. The Perimeter Plus system insures a custom fit and a consistent thermal and acoustical barrier throughout the home. It thoroughly fills gaps in wall cavities and easily takes on tight corners and hard to reach areas around pipes, electrical wires and fixtures. Walls insulated with Perimeter Plus also reduce the transmission of unwanted noise from room to room and throughout the home. And with its unique green color, Perimeter Plus Blowing Insulation provides easy product identification so you can assure your customer they're getting the performance they require.

Alternative Systems Can't Get By Perimeter Plus.

When it comes to Perimeter Plus, there's no comparison. Perimeter Plus Fiber Glass Blowing Wool doesn't settle, so its thermal performance isn't compromised over the life of the home. And unlike some alternative systems, Perimeter Plus Blow-in Blanket is a dry application and doesn't require adhesives or moisture which can lead to mold problems in the wall cavities. Perimeter Plus has



no added toxic fire retardants, adhesives or blowing agents that could jeopardize the indoor air quality (IAQ) of the home. And Perimeter Plus is Greenguard certified to meet the toughest indoor air quality standards in the industry.

Perimeter Plus Protects Your Reputation and Your Bottom Line.

Perimeter Plus helps you round out your product offering to meet the latest demands of your customers. And it blows fast and clean to keep your installers productive and on schedule. It saves installation time by minimizing the steps needed to fully insulate around outlets, plumbing, windows, arches and openings. Installation is precise with less excess material than wet traditional blown-in or adhesive/sprayed-in applications. And Perimeter Plus Blow-in-Blanket System is installed using common blowing machines so you won't incur hefty capital investments for specialized installation equipment.

Certified Installation: Your Assurance the Job Is Done Right.

To ensure the highest quality performance, the Perimeter Plus Blow-in-Blanket System can only be installed by BIBS certified installers. This certification is a mark of distinction that gives the builder and the homeowner added confidence and quality assurance.

Cavity Wall Applications Bag Net Weight — Nominal 32 lbs., Minimum 30 lbs.

Framing (in inches)	Cavity Depth (in inches)	R-Value* To obtain an insulation resistance of :	Density (cu. ft.)	Bags Per 1000 SF The number of bags per 1000 square feet of net area should not be less than:	Maximum Coverage Per Bag Contents of this bag should not cover more than:	Net Minimum Weight per SF The weight per square feet of installed insulation should not be less than:
2 x 4	3.50	R-15	1.8 lbs.	16.4 bags	61.0 sq. ft.	0.525 lbs.
2 x 6	5.50	R-23	1.8 lbs.	25.8 bags	38.8 sq. ft.	0.825 lbs.
2 x 8	7.25	R-31	1.8 lbs.	34.0 bags	29.4 sq. ft.	1.088 lbs.
2 x 10	9.25	R-39	1.8 lbs.	43.4 bags	23.1 sq. ft.	1.388 lbs.

*"R" means resistance to heat flow. The higher the R-value, the greater the insulating power. To get the marked R-value, it is essential that this insulation be installed properly.

Specification Compliance

Knauf Perimeter Plus Fiber Glass Blowing Insulation conforms to the performance requirements of ASTM C 764, Type I and Federal Specification HH-I-1030B, Class B. The thermal insulation resistance values have been determined in accordance with ASTM C 687 and ASTM C 518. Non-combustibility is tested in accordance with ASTM E 136. Moisture absorption is 5% or less by weight when tested in accordance with ASTM C 1104. This material meets the Quality Standards of the State of California, is certified by the Greenguard™ Environmental Institute and is manufactured with a minimum of 30% post consumer recycled glass.

Thermal Performance

The stated thermal resistance (R-value) is provided by installing in accordance with the manufacturer's instructions. Failure to install the required number of bags per 1000 square feet and exceeding the maximum square feet of coverage per bag as recommended by the label will result in lower installed R-values. Field blending of this product with other loose fill insulations of application of this product in conjunction with adhesive or binder systems may affect its thermal performance and is not recommended by the manufacturer.

Equipment Required

To achieve labeled R-value, this product must be applied behind Perimeter Plus netting (or equivalent) in closed cavity applications. Also it is recommended that a pneumatic blowing machine and a corrugated hose with a minimum ¼" internal corrugation, a minimum length of 150' and a diameter of at least 3". Coils in the hose should not be less than 36" in diameter.

For more information call (800) 825-4434, ext. 8300

or visit us online at www.KnaufInsulation.com

Perimeter Plus: Performance That Never Ends



Economically

- **Most economical alternative wall system**—two to three times more cost effective than other alternative wall systems (foam, cellulose).
- Keeps start up costs minimal without the need for capital-intensive specialty equipment by utilizing commonly used blowing machines.

Thermally

- Up to R-15 in 2x4 construction and an R-23 in 2x6 construction.
- Higher R-value per inch than cellulose and most foam products.
- Does not settle, maintaining R-value over the life of the home.

Acoustically

- Improves acoustics by reducing transmission of unwanted noise throughout the home.

No Moisture



- Dry installation ensures no moisture or mildew introduced to wall cavity.
- Won't corrode pipes or wires.
- No drying time needed between trades.

Fire Resistant

- Non-combustibility (ASTM E 136)

Installation

- Precise product installation—no excess material left on walls or floor.
- Fills all gaps and voids, even hard-to-reach areas around pipes, electrical wires and fixtures.
- Dust free and no adhesives required.

Indoor Air Quality

- Perimeter Plus is GreenGuard Children and Schools certified.

Support

- BIBCA association provides valuable support to help strengthen your business.
- Knauf Insulation provides technical, quality and marketing support.



Knauf Perimeter Plus is Also Available in Unitized Plus Packs!

Knauf Plus Packs increase your productivity and your profits. Keep your crews generating revenue on the jobsite by reducing the time they spend handling material.

Plus Pack 42-bag units allow you to:

- Cut loading/unloading time and man hours in half.
- Stack higher to optimize your warehouse space.
- Speed up inventory counts and simplify inventory control.
- Minimize product damage caused by forklifts and in transit.

KNAUF INSULATION



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BIBCA Strengthens Your Business

As you use the Blow-In-Blanket System, membership in BIBCA (Blow-In-Blanket Contractor's Association) will provide valuable and immediate support.

- Installer training and certification assures the proper use of materials and techniques. This certification is a point of market distinction and assurance to the builder and homeowner.
- The patented BIBS process provides you a product offering that is profitable, well-proven and accepted in the market.
- Extensive scientific testing and research support BIBS performance claims.
- Sales and marketing support — advertising, lead generation, customer service, retraining and education — are available for the lifetime of your association.

BIBCA operates impartially and without profit, to provide active cooperation and information-sharing for all members.



At Knauf, we manufacture a wide variety of products that serve a common goal, helping to make the most of our planet's energy resources. A family-owned global company, we understand and are committed to high standards in quality, performance and environmental responsibility. Every step we take today toward energy conservation helps ensure better lives for generations to come.



Knauf batts and blowing wool are certified for indoor air quality as low emitting products by The GREENGUARD Environmental Institute™, to both the GREENGUARD Certification Program™ and the more stringent GREENGUARD For Children and Schools™ standard. www.greenguard.org



LEED Eligible Product

Use of this product may help building projects meet green building standards as set by the Leadership in Energy and Environmental Design (LEED) Green Building Rating System. Credit 4.1 - 4.2 Recycled Content
Credit 5.1 - 5.2 Regional Materials