Attic Blowing Wool Insulation

ThermaTech Attic Blowing Wool insulation delivers superior insulating and fire safety performance.

ThermaTech Attic Blowing Wool is granular insulation consisting of mineral fibers formed into nodules for installation by pneumatic machine.

ThermaTech Attic Blowing Wool fills every nook and cranny, eliminating any gaps that could cause heat loss. It is used for insulating over ceiling areas and in exterior walls of existing residences, as well as over ceilings in new construction.

ThermaTech Attic Blowing Wool insulation delivers superior insulating and fire safety performance. ThermaTech Attic Wool is permanent insulation that is naturally non-corrosive, fire resistant, vermin-resistant and non-absorbent. It's easy to install and its resilience ensures full installed thickness and permanence, even in tight spaces near the eaves. And, with a melt point in excess of 2000°F, ThermaTech Attic Blowing Wool provides more protection against fire than glass-fiber insulation.

ThermaTech Attic Blowing Wool provides consistent quality at an outstanding value. The brand of insulation can make a big difference. The manufacturer should be well established in the insulation business, with a proven reputation for quality and performance.

ThermaTech Attic Blowing Wool insulation is backed by its line of excellent products and customer service. Plants and service centers throughout the United States consistently provide on-time delivery and customer satisfaction.

ThermaTech INSULATION SYSTEM

ThermaTech
INSULATION SYSTEM

Superior Performance in Every Way!

Fire Performance Characteristics

Rated non-combustible, as defined by NFPA Standard 220 when tested in accordance with ASTM E136 criteria. UL fire hazard classification: flame spread 5, smoke developed 10, per ASTM E84.

Non-Combustible

ThermaTech Attic Blowing Wool will not burn or support combustion.

No Chemical Additives

ThermaTech Attic Blowing Wool is a natural product. Unlike cellulose products, it needs no chemical additives to resist fire, vermin, fungus or moisture. ThermaTech Attic Blowing Wool contains no asbestos.

Strong Heat Flow Resistance

ThermaTech Attic Blowing Wool provides a higher R-value for a given thickness than glass fiber insulations. It reduces heating and air conditioning consumption more effectively than other insulating materials. (R-value measures ability of insulation to resist the flow of heat. The higher the R-value, the greater the insulating power.)

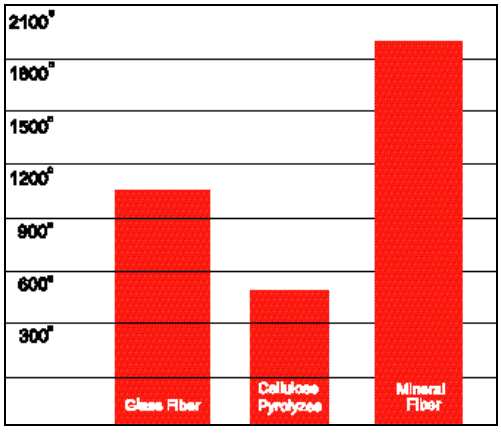
Non-Deteriorating

ThermaTech Attic Blowing Wool resists decay and corrosion. It offers no sustenance to vermin.

Moisture-Resistant

ThermaTech Attic Blowing Wool does not absorb moisture. If wet, it dries quickly with proper ventilation and recovers its insulating value.

Melt Points of Common Types of Home Insulation



Permanent Insulation

ThermaTech Attic Blowing Wool will last the life of a home. It will not drift away from vents, soffits and eaves.

Noise Reduction

In addition to its insulating and fire-safety properties, ThermaTech Attic Blowing Wool provides high-performance sound control.

Blowing Wool vs. Conventional Batts

Uniform Coverage

ThermaTech Attic Blowing Wool provides full and uniform coverage in all areas, including difficult areas between cross bracing and truss bracing. Also covers entire area over trusses and rafter joists, thereby filling any gaps and spacings resulting from uneven spacing; minimizes heat leakage.

Batts make it difficult to fill areas between cross bracing and truss bracing properly. Batts that are precut to standard widths can leave gaps and openings that allow heat leakage.

Optimum R-Value

ThermaTech Attic Blowing Wool allows the optimum R-value to be installed. Can achieve R-values as high as R-50 per government specifications and standards.

Batts may provide slightly more or less than the optimum R-value required for the job. This means either paying for more than the optimal amount of material, or spending more for energy if underrated batts are installed.

Prevents Moisture Build-Up

ThermaTech Attic Blowing Wool does not permit moisture to accumulate in insulation.

Layered batts can trap moisture between layers and cause condensation problems. If faced batts are not properly applied, the vapor barrier duplication frequently causes moisture accumulation, which can result in water damage.

Cost Savings

ThermaTech Attic Blowing Wool is preferred for insulating attic areas because it saves installation time, labor and materials.

Batts are difficult to install properly in attic areas. The installation takes longer and uses more materials and more labor. This results in added cost rather than cost savings.

Retrofit Application

Proper application of ThermaTech Attic Blowing Wool is easy even after the construction of the dwelling has been completed.

Proper application of batts, with correct stapling on flanges, is not always possible after construction has been completed. Also, some attic accesses are not large enough to accommodate batts in standard packaging.

Professional Installation

ThermaTech Attic Blowing Wool is almost always professionally installed. The pro knows how and where to insulate and has the right materials and tools to do the job. Also, the pro knows if the product is not performing properly, because mineral wool is manufactured under stringent quality control, and its coverage and density are listed on every bag. Further, the pro knows all the safety hazards to avoid.

Batts are frequently installed by homeowners who usually do not have access to the proper equipment. They often lack the skill and experience to do a complete and proper installation and to recognize defective materials. Also, do-it-yourselfers often can be unaware of safety hazards in the attic.

Installation of ThermaTech Attic Blowing Wool

To get the marked R-value, it is essential that ThermaTech Insulation be installed properly.

Do not mix types of insulation. Fire performance characteristics and thermal resistance properties are likely to be impaired if other types of insulation are mixed with ThermaTech Attic Blowing Wool.

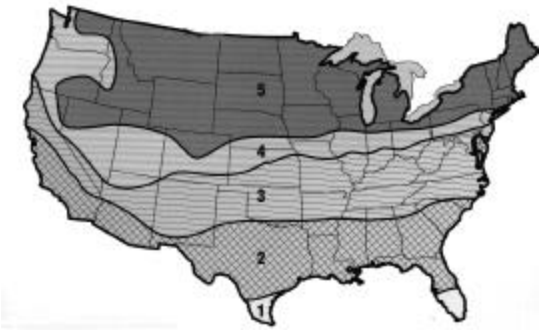
For proper insulation performance, follow HUD/FHA recommendations for ventilation of 1 sq. ft. free vent area per 150 sq. ft. of attic or crawl space. If ventilation is inadequate, condensation will form, causing heat loss in winter and high interior temperatures in summer.

In the attic, when installing ThermaTech Attic Blowing Wool with an R-value greater than R-22, protect the area in the eaves nearest to the outside wall with a baffle or blankets installed perpendicular to the ceiling joist. This will prevent the blowing wool from overflowing and stopping off the flow of air through the soffit vents. Allow a minimum 2” air space between the surface of the blowing wool and the bottom of the roof deck for proper ventilation.

CAUTION:

Recessed lighting fixtures radiate heat and should not be covered with insulation. ThermaTech Attic Blowing Wool insulation should be carefully fitted around recessed lighting fixtures. Failure to follow these instructions could result in excessive heat build-up, possibly resulting in fire.

Recommended Insulation Levels for Home Ceilings and Walls



Zone	Insulation R-Value	Insulation R-Value
1	R-19	R-11
2	R-30	R-19
3	R-38	R-19
4	R-38	R-19
5	R-49	R-19

Source: 1995 Council of American Building Officials Model Energy Code.

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Typical Specifications

ThermaTech Attic Blowing Wool, meeting ASTM C764, Type 1 and Type 2, and rated non-combustible, as defined by NFPA Standard 220 when tested in accordance with ASTM E136 criteria. Underwriters Laboratories (UL) Incorporated surface burning characteristics: flame spread 5, smoke developed 10, per ASTM E84. Thermal Resistance R-value ( ) per ASTM C687.

Fibers are made substantially from recycled slag. ThermaTech Attic Blowing Wool Insulation from Birmingham and Wabash exceeds the requirements of the Federal Procurement Guideline for Building Insulation Products 40 CFR 248.

CONTAINS NO ASBESTOS

NOTE:

All products described here may not be available in geographic markets. Consult your local sales office or representative for information.

Notice: We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

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