

ASTRO-FOIL's advantages

■ Easy to install—Thin, flexible and lightweight, Astro-Foil handles easily, installs quickly. Requires only scissors and staple gun.

■ Safe—Clean, non-toxic Astro-Foil requires no special protective clothes, gloves or masks.

■ Compact—Astro-Foil uses little wall space.

■ Tough—Punctures are easily repaired, ensuring insulation integrity.

■ Water-resistant—Astro-Foil keeps moisture out to maintain full insulation effectiveness.

■ Wind barrier—Astro-Foil absolutely stops air infiltration, adding to the energy efficiency of your home.

■ Enduring—Material is impervious to fungus and in hospitals to insects and other pests.

■ Energy efficient—Installing Astro-Foil saves you money, keeps you comfortable.



ASTRO-FOIL™
Reflective Insulation

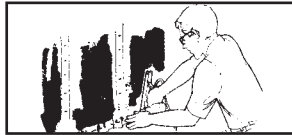
Easy and fast to install



1. Roll out along walls...



2. ...or floors. Cut to fit with a pair of scissors.



3. Then staple to joists or studs...



4. ...and tape seams with pressure sensitive aluminum tape.

Technical Information

Thickness: 5/16 in.
Weight: 1-1/4 oz./sq.ft.
R-Value*:
Down 15.0
Horizontal 7.31
Up 5.4
U-Value
Down 0.082
Horizontal 0.119
Up 0.139
Contact Temperature
Range -60°F to 180°F
Perm. Rating: 0.02

Flame Spread: 20
Smoke Development: 30
Linear Shrinkage: None
Puncture
Resistance: 60 lbs./in.²
Roll Sizes: Various widths to 72"
10ft. to 125ft. lengths
California License: TF1213
California Registry: CAT213(NJ)
Fire Rating: Class A/Class 1
Emittance: 0.03-0.04
Reflectance 0.96-0.97

* These values are obtained in a C-236 Hot Box test and represent the R-value of the cavity that includes the surrounding air spaces. The measurements were made in a nominal 2" x 4" cavity. For complete details regarding methodology, contact your nearest retail outlet. ASTRO-FOIL's ability to reflect heat in open applications is not fully measured by this test. It is that extra reflective capability that makes it possible for ASTRO-FOIL to keep you comfortable in winter and summer.

Read this before you buy

The figures presented above reflect the R-value of this insulation. R means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy.

There are other factors to consider. The amount of insulation you need depends mainly on the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you'll save on fuel.

IMPORTANT: Always check local building codes before installing.

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TF-2
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INNOVATIVE ENERGY, INC.
Lowell, Indiana 46356



Made in
the U.S.A.

ASTRO-FOIL™ Reflective Insulation

The revolutionary insulating material that's safe, effective, versatile and easy to install.



What is Astro-Foil?

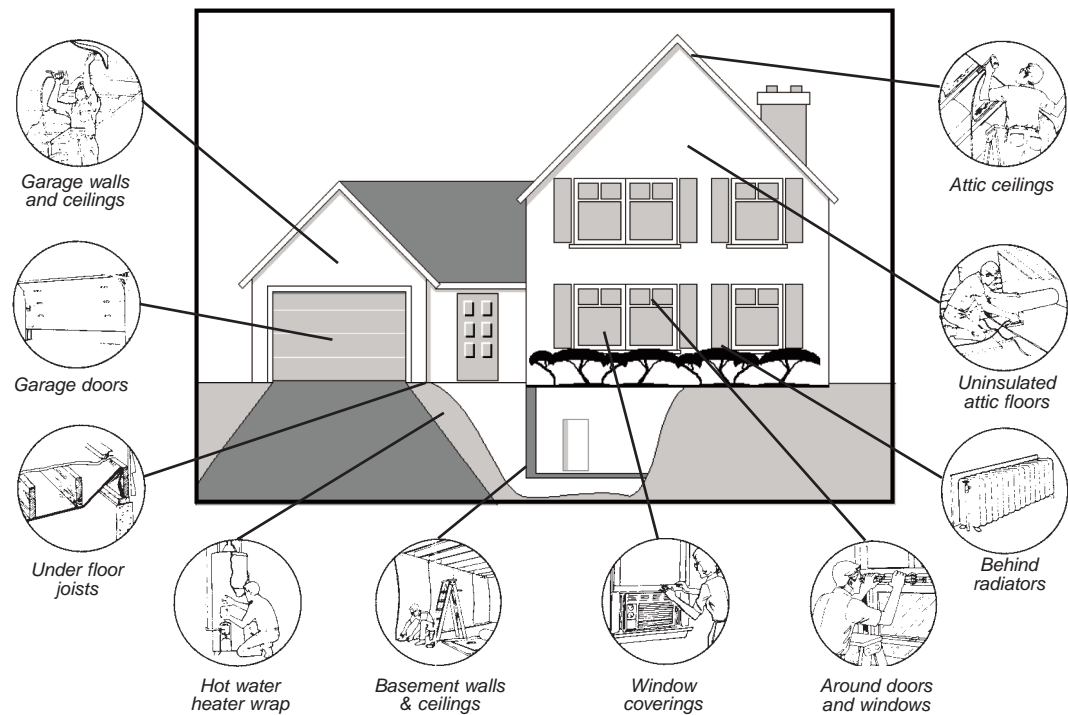
Astro-Foil is a lightweight, pliable insulation that contains no scratchy, harmful fibers. It consists of two compact layers of polyethylene air bubble pockets sandwiched between reflective aluminum foil.

The aluminum surface allows Astro-Foil to do what mineral fiber and foamboard insulations cannot: it *reflects* heat rays outside in summer, keeps them inside in winter.

Air pockets contribute to Astro-Foil's excellent R-values (insulating power) to fight conductive heat transfer. In most instances, *Astro-Foil is as effective as 3" to 6" of mineral fiber insulation!*

It's a revolutionary insulation material that is ideal for do-it-yourself installation because it's so easy and safe to use.

Over, under and in-between, Astro-Foil is your best choice



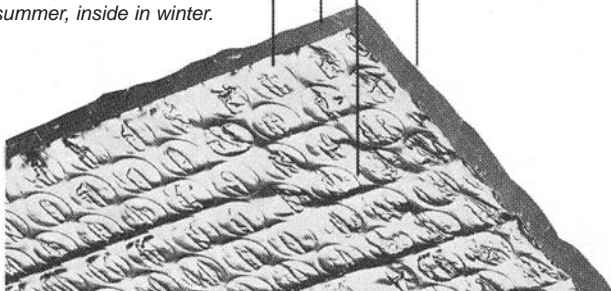
ASTRO-FOIL is also available with special ASTRO-TABS!
These convenient tabs make it easy to position and staple ASTRO-FOIL between studs, floor joists and rafters.

The air pockets in Astro-Foil help to insulate against conduction of heat through walls.

The total structure is impermeable—an excellent barrier against moisture and air infiltration.

Tough aluminum foil reflects radiant heat—keeps heat outside in summer, inside in winter.

Polyethylene plastic is tough yet flexible.



Staple to the side of studs, joists and rafters leaving an air space on both sides of the ASTRO-FOIL



Staple to the face of the stud when ASTRO-FOIL is the finished surface or if something will be nailed or screwed over it.