

TECHNICAL INFORMATION

Energy Savings

Achieves the highest "R" value of any other type of masonry insulation. This, combined with reduced air infiltration, provides estimated heating & cooling savings of 35%.

Acoustic Properties

CORE-FILL 500, with its STC Rating of 53, is used commercially for sound abatement in hospitals, schools, movie theaters, and wherever quiet is important.

Fire Safety

ASTM E-84 rated at zero for fuel contributed, and flame spread, has a smoke density of 5. Does not smolder or add fuel to the fire. Easily surpasses fire safety standards.

Premixed – Not Dehydrated Dry Mix Resin

CORE-FILL 500 is manufactured by chemists and is shipped in liquid form. It is not re-hydrated by jobsite laborers. Dehydrated dry mix resins all shrink, which reduces the "R" value. In time, the shrunken foam allows hot, moist air into your home.

Water Absorption

Has a 60/40 closed cell/open cell composition. Only the outer surface absorbs water to a depth of 1/16". Because of its "hydrophobic" nature, it actually expels water rapidly.

Shrinkage

Less than 1% when installed inside block walls

Harmful Gasses

Odorless foam. Tested extensively for the Department of Education at the time of installation, and one year later. No off-gassing occurs. Contains no Fluorocarbon or CFC's. Not harmful to the atmosphere.

Setting Time

Less than 30 seconds, dries within 24 hours.

Non-Corrosive

Will not harm pipes or electrical wiring.

Toxicity

Non-toxic, non-allergenic.

Reduces Mold & Mildew

Not a vapor barrier. Qualifies as an Air Infiltration Retarder (AIR). It helps reduce mold and mildew because it allows only small amounts of humidity and air to pass through the wall. This small amount can be easily removed in the normal process of air conditioning.



It's Like An Envelope For Your House!

Tailored Foam installs a foam insulation which is pressure injected into the open cells of your exterior concrete block walls. Since this process seals the walls completely, it keeps out the heat, humidity, bugs and noise. Comfort and energy savings are sealed in with this "envelope" of protection.

CORE-FILL 500

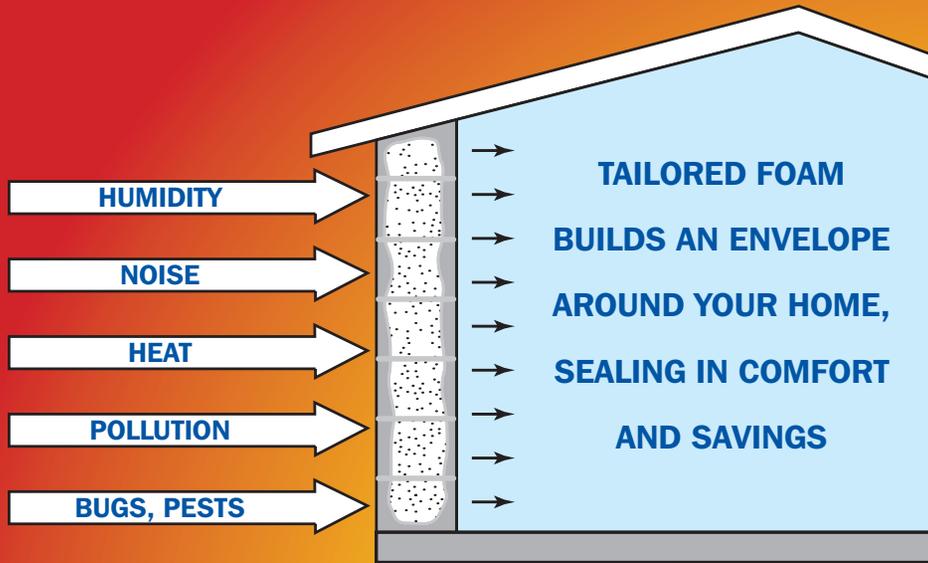
- Doubles the "R" value of your current insulation. This means additional **comfort** and **energy savings**.
- Helps **prevent bugs** and vermin from entering your home.
- Superior **sound insulation** properties. This means less noise from lawn care, traffic, barking dogs, etc.
- **Affordable** – usually costs less than a single mortgage payment.
- **Pays for itself** in a short time because of the energy savings.
- **Improves Indoor Air Quality** – Helps prevent mold and mildew by sealing out humidity and pollution. Your family breathes healthy air.
- **For more information** visit our website: www.tailoredfoaminc.com

*Ask for a price to insulate your
home with CORE-FILL 500.*



www.tailoredfoaminc.com

HOW IT WORKS



Energy Savings up to 35%

CORE-FILL 500 achieves the highest “R” value and reduces air infiltration better than any other type of masonry insulation. According to energy studies, air infiltration accounts for 40% of all energy loss. Air infiltration allows polluted, humid air to enter the home. And it allows expensive, dehumidified, cool, clean air to leak out. This means more work and upkeep for your air conditioning system. The monthly savings, combined with low initial cost, means CORE-FILL 500 pays for itself in a very short time.

Bad for bugs, great for families

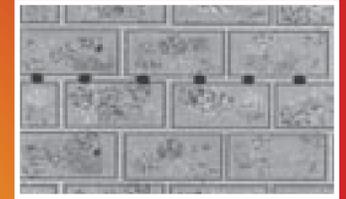
CORE-FILL 500 contains a small amount of Boric Acid, the safest and most effective pesticide and fungicide available. This reduces bugs, termites, and mold growth. But CORE-FILL 500 is also safe in other ways. It’s non-allergenic, non-toxic, non-corrosive, and does not emit gasses of any kind. It doesn’t burn or smolder.

So you can breathe easy!

Commercial Grade insulation for your home!

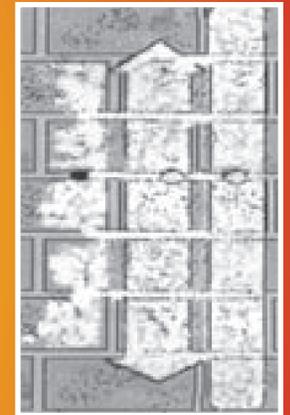
This is not a new product. You enjoyed our product the last time you shopped at your favorite grocery store, drug store, or discount store. Our product is used throughout Florida in thousands of schools, hospitals and government buildings. In fact, we have been the largest masonry installation specialists since 1986.

A hole is drilled through the mortar joint in every vertical column of blocks (every eight inches)



The foam, resembling shaving cream in texture, is injected under high pressure directly into each vertical column. Taking the path of least resistance, the foam travels to the top and bottom of each column until it’s filled completely. The pressure forces the foam into even the smallest of cavities and openings.

When the vertical column becomes filled, continued pressure forces the foam to move horizontally through the web joints into the adjacent cells. This procedure, repeated in every column of cells, produces a wall that is totally filled and sealed. The foam is actually pushed through the wall.



It’s plain to see!

The high pressure forces CORE-FILL 500 through even the tiniest holes in the masonry. This forms little “noodles” all over the wall—inside and out, clearly showing the wall is thoroughly sealed.

And you can hear the difference too!

Since CORE-FILL 500 is specified by most multi-plex movie theaters, churches, schools and apartment owners for sound insulation, it certainly can quiet down those little neighborhood annoyances that tend to get on your nerves. Peace and quiet is affordable.