

Innovations in Crawl Space Sealing



STS Pro-Shield SystemTM

patent pending



TAX CREDIT CERTIFIED !



**Protect Your Family From Radon Gas,
Toxic Mold, Unwanted Pests, and Harmful Airborne Allergens**

STS Pro-Shield PlusTM

patent pending

THE LINER THAT DOES IT ALL !
USE ON FLOORS, WALLS & CEILINGS



- Zero perm
- Seals out moisture and soil gases
- Antimicrobial - Won't support mold growth
- Termite/rodent proof
- Fire retardant coating
- 25 yr. manufacturer warranty

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100 mil - Drain Fabric

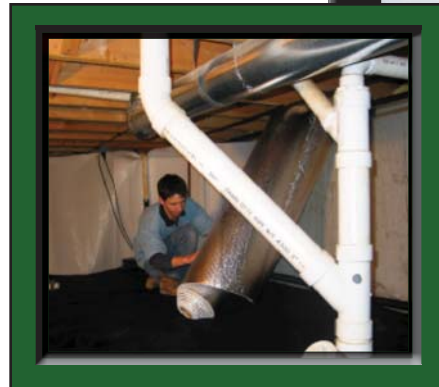


- Prevents liner from “sticking” to soil
- Enhances water drainage beneath liner
- 100% polypropylene fibers - won't rot or decay
- Cushions floor - protects liner, hands and knees

STS Pro-Shield PlusTM Liner



- Tax Credit Certified
- Insulates wall - reduces energy costs
- Won't support the growth of mold
- Seals out water vapor and Radon Gas
- Termites and pests can't eat through it
- Reflects Heat



- Keeps living space floors warm
- Built in reinforcing grid
- Reflects heat back into home
- 99% pure aluminum backing
- Class A / Class 1 fire rated
- Tax credit certified



STS Pro-Shield PlusTM Liner as Heat Shield



STS Wet/Dry Super Bond

- Attaches insulation blanket to wall
- Seals floor liner to floor supports and pipes
- Never dries out, provides an air tight seal

STS Seam Lock

- Permanently seals floor seams
- Never dries out, provides an air tight seal
- Non-toxic/no odors



Permanent Seaming Tape

- Pressure sensitive, 9 mil white poly or silver foil
- Specially formulated rubber based adhesive system
- Seals out moisture and soil gases
- Unaffected by storage items and human traffic

Air Quality...Out of Sight, Out of Mind?

According to the U.S. E.P.A., the “typical” home in the United States has between .5 and 1.5 air changes per hour.

Translation: If your home is somewhere in the middle, say at 1 air exchange per hour (not a “tight house”, but not a “drafty” house) This would mean that every hour all the air in your home is replaced with new air. Where does this new air come from? Amazingly, over 50% of this air comes from your crawl space.



How?

As warm air rises, cool air from the crawl space is sucked into the living areas of your home. Called the “stack effect”, it’s the same way a chimney works. This, combined with other factors, means a significant amount of the air you breath actually came from your crawl space.

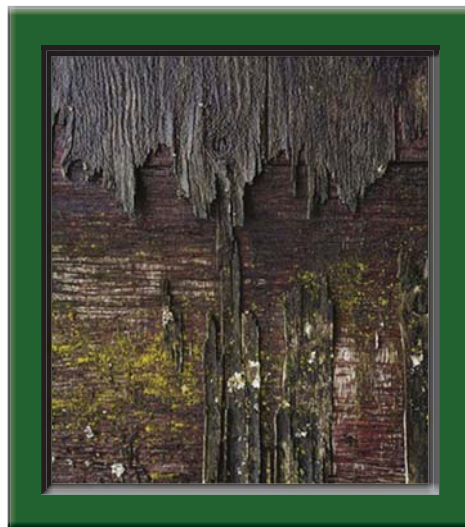


The STS Pro-Shield System™ will greatly improve the air quality throughout your home. Providing a cost effective, permanent solution to allergens and irritants by eliminating the source of the problem and create a clean, dry, sanitary storage area while **Protecting the Well Being of Your Family.**

Mold...Blame it on Moisture

The U.S. E.P.A. states that Molds produce allergens, irritants, and potentially toxic substances.

The facts are in! The U.S. Environmental Protection Agency, U.S. Centers for Disease Control and countless scientific studies all agree: the key to mold control is moisture control. Mold is present in every home, as well as outdoors, but without moisture it can not grow to harmful levels. The U.S. EPA states: "Molds are usually not a problem unless mold spores land on a wet or damp spot and begin growing. Molds produce allergens, irritants, and potentially toxic substances. The key to mold control is moisture control. The mold will not grow if moisture is not present (source: EPA A Brief Guide to Mold, Mildew and Your Home publication #402-K-02-003)".



A dirt/stone crawl space is by far the #1 source of moisture in any home, letting in gallons of water each day in the form water vapor. The STS Pro-Shield System™ will eliminate this source of moisture and rid your home of **Musty Smells from Mold and Mildew.**

Dust Mites...a Trigger for Asthma Attacks!

Your main weapon against Dust Mites is to eliminate the source of Moisture.

Mites are tiny microscopic animals that thrive on dead human skin cells in bedding, carpet, and upholstery. Dust Mites leave behind fecal matter and disintegrating body parts measuring 10 to 24 microns in size (the diameter of a strand of human hair is 80 to 100 microns) a powerful allergen when inhaled. But like mold, dust mites must have moisture to survive. They do not drink water, but absorb moisture from the air. They cannot live in low humidity conditions, they thrive in high humidity conditions. Your main weapon against Dust Mites is to eliminate the source of moisture in the home.



The STS Pro-Shield System™ will permanently seal out moisture from the crawl space area, the #1 source of moisture entry in the home.

The Advantages of using the STS Pro-Shield SystemTM

patent pending

- Greatly improves indoor AIR QUALITY throughout the entire home
- Creates a CLEAN, DRY, SANITARY, usable storage area
- Reduces the number 1 source for entry of RADON GAS into the home
- Insulates crawl space and REDUCES ENERGY COSTS
- No more MUSTY SMELLS from MOISTURE and MOLD
- Reduces excessive, destructive MOLD and MOISTURE
- Protects structure of home from DRY ROT and TERMITES
- Reduces allergens such as MOLD and DUST MITES throughout the home
- Seals out BUGS, SPIDERS, RODENTS, and TERMITES
- COST-EFFECTIVE, no mess, one day installation
- Great investment - INCREASES RESALE VALUE of the home



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