

StrongWall

WALL SYSTEM

LONG TERM THERMAL PERFORMANCE:

The system "R"-Value for *StrongWall* was determined by the ASTM C-236 "Guarded Hot Box" method. *StrongWall* products demonstrate no thermal drift with age. "R"-Values vary by profile as follows:

| | |
|--------------------------|-----|
| D-4" | 3.4 |
| D-4.5" | 4.0 |
| D-5" | 4.2 |
| D-4" (Dutch Lap) | 3.8 |
| D-4.5" (Dutch Lap) | 4.0 |
| D-5" (Dutch Lap) | 4.3 |
| Triple 3" | 4.1 |
| 8" Horizontal | 3.8 |

DENSITY: Nominal 1.0 pound per cubic foot, (test method ASTM C-303)

WATER PERMEABILITY: Not less than 5.0 perm/inch maximum, (test method ASTM E-96). *StrongWall* breathes and is not a vapor barrier.

WATER ABSORPTION: Less than 4.0% by volume, (test ASTM C-272).

FLAMMABILITY: *StrongWall* is fabricated from modified Expandable Polystyrene which is treated with a fire retardant chemical and will not support combustion. Although "Modified EPS" contains a flame retardant agent, it is an organic material and should therefore be considered flammable if exposed to an open flame or ignition source.

CAPILLARITY: None.

DIMENSIONAL TOLERANCES:

- Thickness: + or - 1/32"
- Width: + or - 1/16"
- Length: + or - 3/16"

TESTED & PROVEN: *StrongWall* meets or exceeds all the requirements of SPI specification ASTM C-578-95 (type 1) and is recommended to be used with vinyl siding meeting VSI specification ASTM D-3679-96 standards.

WARRANTY: The structural integrity and thermal performance of *StrongWall* is **double backed by a life-time warranty.**

SAFE TO USE: *StrongWall* products are environmentally friendly and fully recyclable. They are constructed from inert organic materials and contain no CFC's, HCFC's or Formaldehyde.

THERMAL EXPANSION: *StrongWall* is very compatible with vinyl siding due to their nearly identical coefficients of expansion and contraction. *StrongWall's* coefficient of thermal expansion is .000035 in./in./degree F. Vinyl siding will range from .000031 to .000036 in./in./degree F.



6008 University Boulevard East • Tuscaloosa, AL 35453 • TOLL FREE: 1-800-958-8426



TW Plus-3/1/2000-VP

Today's Engineered Wall System
Designed To **ADD YEARS** To
The Life Of Your Vinyl Siding!!



StrongWall

Adds Solid Support To Vinyl Siding

StrongWall

WALL SYSTEM

A building is only as strong as the foundation it's built upon.

This is especially true with any siding project.

To ensure a quality siding installation, you must first lay a solid foundation. When you use *StrongWall* the contoured wall system, you will add beauty, value and comfort to your home. *StrongWall* is the revolutionary wall system that will eliminate costly painting chores!!

➡ ADDED PROTECTION...

StrongWall will give your home more protection from hail, wind and objects that can potentially damage your new siding. Manufacturers' tests show that our contoured underlayment will increase the impact resistance of your siding by **OVER 300%!!** It will provide a snug, secure foundation to your siding and protect your siding investment forever.

➡ SAVE ENERGY...

StrongWall has up to **FOUR** times the insulation factor of the most commonly used underlayments!! *StrongWall* significantly reduces drafts and air infiltration without trapping harmful water vapor. With this type of insulation value, imagine how you could benefit from reduced energy bills. *StrongWall* will pay for itself time and time again!!

➡ THE BEST INVESTMENT...

Your home is the single most important investment you will make. You will have to live with the home improvement decisions that you make today, so you should do the job right the first time. *StrongWall* will improve the appearance and performance of your siding dramatically. When you need to add beauty, protection and energy savings to your home, *StrongWall* is the solid choice for you!!

Manufactured Exclusively For:



Tuscaloosa, Alabama