

The natural way  
to insulate your home.

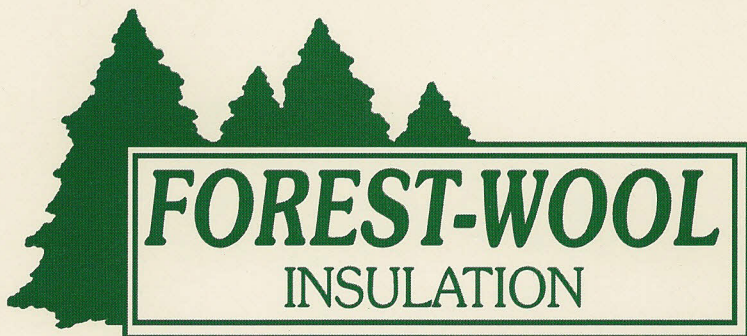


**FOREST-WOOL**  
INSULATION

...better naturally since 1948







...better naturally since 1948

## Forest Wool Natures finest !

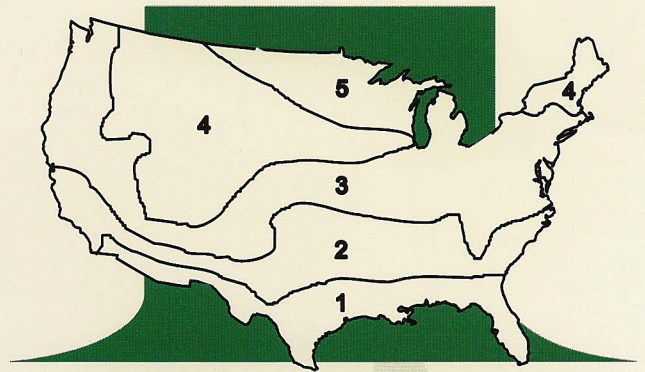
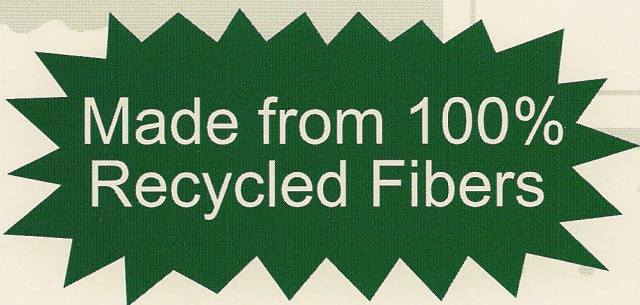
Your key concern when insulating your home is keeping your fuel bills down. Forest Wool cellulose insulation is unsurpassed at blocking the transfer of heat through your home's exterior walls. It also prevents air infiltration, eliminates "drafty" rooms and provides a lifetime of comfort in your home.

Using all-natural wood fibers, Forest Wool cellulose insulation will keep saving money year after year on your winter heating bills and your summer cooling costs.

In addition, Forest Wool cellulose is tested by R and D Laboratories. Guaranteed for as long as you own your home, Forest Wool Insulation gives your family peace of mind, naturally.

### Forest Wool...

- Creates a natural wind break for your home.
- Higher R-Values from all-natural wood fibers.
- Creates a superb sound barrier.
- Contains NO asbestos, fiberglass, or formaldehyde.
- Is guaranteed for the life of your home.
- Is made from 100% recycled fibers -  
...a sound environmental choice.



### ENERGY CONTROL RECOMMENDED R-VALUES

| Zone | Attic | Side*<br>Walls | Attic<br>Garage |
|------|-------|----------------|-----------------|
| 1    | 40    | 21             | 24              |
| 2    | 45    | 21             | 24              |
| 3    | 45    | 21             | 30              |
| 4    | 50    | 21             | 30              |
| 5    | 50    | 21             | 30              |

\*Assumes 2 x 6 wall

### INSULATION "R" VALUES OF WELL-KNOWN PRODUCTS

| Insulation                     | R-Value<br>Per inch | at 6" | at 12" |
|--------------------------------|---------------------|-------|--------|
| Forest Wool<br>cellulose fiber | 3.75                | 22.5  | 45.0   |
| Standard Cellulose             | 3.6                 | 21.6  | 43.2   |
| Rockwool                       | 2.9                 | 17.4  | 34.8   |
| Fiberglass<br>(blown)          | 2.2                 | 13.2  | 26.4   |

The higher the "R" Value, the better the resistance  
To heat flow.

# The Natural Way to



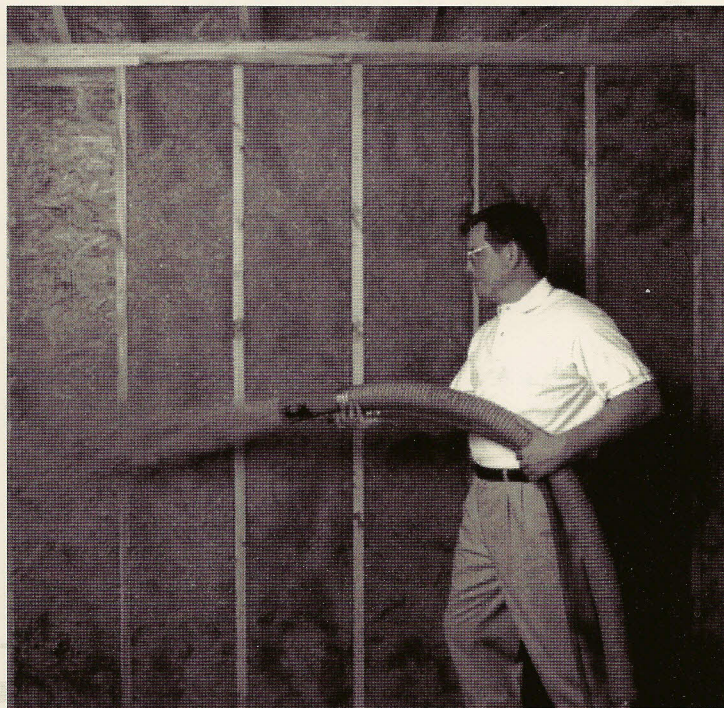
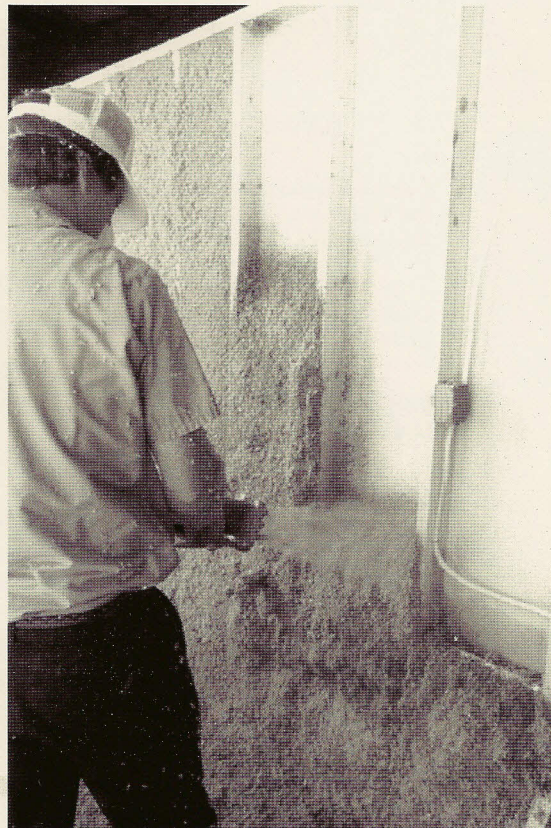
# The Forest Wool Wall Spray System

Our wall insulation is spray-applied cellulose that is guaranteed to create a permanent barrier against air filtration in your home.

Using a special nozzle, the cellulose is sprayed into all cavities. After it has been applied, the cellulose is scrubbed flat with the studs and the drywall is installed.

The wall spray formula is highly effective at sealing all cracks and voids, and completely fills around pipes, wires, and electrical boxes. This special method of application is easy, efficient, and provides maximum protection.

In addition, Forest Wool wall spray is guaranteed not to settle for the life of the home.



rally since 1948

# Insulate Your Home



### Forest Wool Loose-Fill Insulation

CLASSIFIED  
LOOSE FILL MATERIAL  
CONTENTS NOT OVER 25 lbs. Issue No. 6180

Classified in accordance with the following ASTM C739-91 Federal Specification HH-I-515D (Dated June 15, 1978) and CPSC Interim Safety Standard M6CFR Part 1209 (Dated July 6, 1979) characteristics:

#### FLAMMABILITY CHARACTERISTICS

Critical Radiant Flux Greater than or equal to 0.12 w/cm<sup>2</sup>  
Smoldering Combustion Less than or equal to 15.0 percent

#### ENVIRONMENTAL CHARACTERISTICS

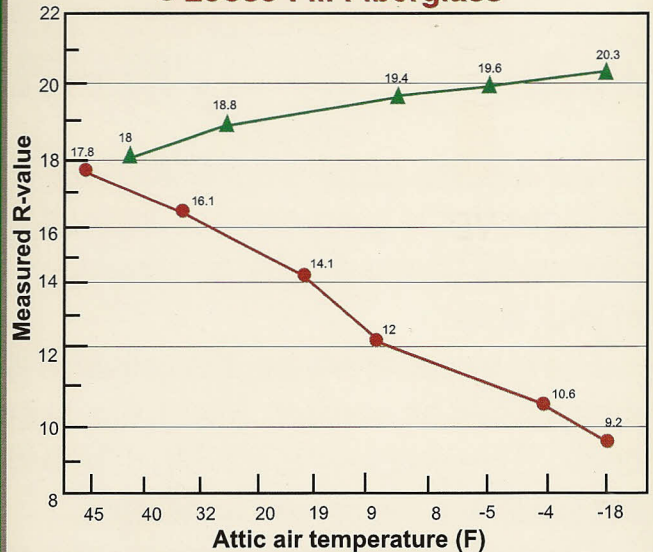
Corrosiveness Acceptable  
Fungal Resistance Acceptable

#### PHYSICAL CHARACTERISTICS

Density (Settled) 1.4 lbs/ft<sup>3</sup>  
Thermal Resistance 3.75 R/in. (At 4 In. Thickness)  
Moisture Absorption Acceptable  
Odor Emission Acceptable  
Starch Content Negative

Full nine-point R and D Laboratories label on every bag-  
-your assurance of quality

### ▲ Loose-Fill Cellulose vs ● Loose-Fill Fiberglass



Performance test on loose-fill insulation conducted by Oak Ridge National Laboratories as quoted in *Energy Design Update*, July, 1991

### Forest Wool Wall Spray Classified Spray Fiber

Surface burning characteristics tested at thickness of 4 inches.

Flame Spread.....15  
Smoke Developed.....0

\*Must be applied with water in accordance with the application instructions.

### Identical Home Blower-Door Tests Air-Changes per Hour

ECI/1  
Ossian

Volume=10281 ft<sup>3</sup>  
Temp In=40 F  
Temp Out=23 F  
Bar Press=30.75  
W/5 5-6

| Ph | Pf  | CFM  | % Error |
|----|-----|------|---------|
| 60 | 155 | 1229 | -0      |
| 50 | 128 | 1118 | 0       |
| 40 | 99  | 985  | 0       |
| 30 | 74  | 853  | 2       |
| 20 | 42  | 644  | -2      |
| 10 | 20  | 447  | 0       |

FIBERGLASS  
CORR. COEF.= 0.999  
C= 119.09  
N= 0.572  
AC/H At 50 Pa= 6.51  
6.51

ECI/3  
Ossian

Volume=10665 ft<sup>3</sup>  
Temp In=36 F  
Temp Out=36 F  
Bar Press=30.13  
W/N 8

| Ph | Pf  | CRM | % Error |
|----|-----|-----|---------|
| 57 | 190 | 749 | -1      |
| 50 | 150 | 668 | -4      |
| 40 | 124 | 610 | 2       |
| 30 | 88  | 516 | 6       |
| 20 | 43  | 365 | 0       |
| 12 | 20  | 252 | -1      |
| 8  | 11  | 188 | -1      |

CELLULOSE  
CORR. COEF.= 0.997  
C= 44.15  
N= 0.705  
AC/H at 50 Pa= 3.92  
3.92

Insulate Your Home By Calling:



Your Professional Energy Control Dealer and Installer

804 W. Mill Street Ossian, IN 46777 (260) 622-7614 (FAX) 260-622-7604