

# PRODUCT DATA SHEET

## 1. PRODUCT NAME

"Wallkote Mix II" Therm-A-Fact R Spray-In Cellulose Insulation.

## 2. MANUFACTURER

Western Fibers, Inc.  
P.O. Box 745  
Hollis, OK 73550  
(405) 688-9223

## 3. PRODUCT DESCRIPTION

**Basic Use:** Thermal/Acoustical Insulation, for Spray-In Applications.

### Composition:

Special Selected Wood Fibers, Boric Acid Fire Retardants, and Western Fibers Acrylic Adhesive (Applied at Nozzle).

**Limitations:** Minimum Thickness - 2". Maximum Thickness - 10". No Unprotected Exterior Application.

### Applicable Standards:

HUD Bulletin #80  
Class I Building Material  
Fed. Spec. HH-I-515D  
UL 723, FILE R9120  
ASTM C423, ASTM E119  
ASTM C518

## 4. TECHNICAL DATA

- Density Range - 2-3 lbs./cu. ft. nominal.
- R-Value - 3.9 per inch thickness.
- NRC - .75
- STC - 51 (2" x 4" studs, cavity filled with Wallkote).  
Mix II, 1/2" gypsum board both sides.
- 50 (2-1/2" steel studs, cavity filled with Wallkote Mix II, 1/2" gypsum board both sides).
- Flame Spread - 20 or less.
- Smoke Development - 5 or less.
- Fuel Contribution - 0

## 5. INSTALLATIONS

- Be sure that surfaces to be covered are clean, dry, properly attached, and otherwise suitable for installation of moist material.

- Clean floor area in front of walls to be insulated to be sure that debris is not recycled with insulation that could damage machine.

- Mix Adhesive - 1 quart adhesive to 50 gallons of water, per Manufacturer's instructions.

- Apply insulation at a ratio of 1-1/4 to 1-1/2 gallons of mixed adhesive to one bag of cellulose material.

- After application, moisture content should be no more than 15% by weight before covering material.

- Vapor barriers are optional. Comply with local state, county and municipal codes.

- Install material with clean properly functioning Western Fibers "CHAMP" equipment.

## 7. AVAILABILITY

### DISTRIBUTOR:

Insulation Supply, Inc.

Eugene, OR. (503) 688-1060  
(800) 548-6645

Portland, OR. (503) 626-2201  
(800) 328-7177

Seattle, WA. (206) 872-8006  
(800) 742-5122

## 8. TECHNICAL SERVICES

Contact: Paul Horton  
Bill Webb

Western Fibers, Inc.  
Hollis, OK 73550  
(405) 688-9223

*Coverage Chart Based on 25lb. Bag At 2.5 Density*

R-Value* (at 75 mean temperature) To obtain an insulation resistance value of: (R-Value)	Minimum Thickness Installed Insulation shall not be less than: (Inches)	Maximum Net Coverage Contents of bag shall not cover more than: (Sq. Ft.)	Weight Per Square Foot The weight of installed insulation shall be not less than: (lbs./sq. ft.)	Bags Per 1,000 Sq. Ft. The no. of bags / 1,000 sq. ft. shall be not less than: (no. of bags)
R-7.8	2.00	60.0	0.42	16.6
R-9.7	2.50	48.1	0.52	20.8
R-11.7	3.00	40.0	0.63	25.0
R-13.6	3.50	34.3	0.73	29.1
R-14.1	3.625	33.1	0.76	30.3
R-14.6	3.75	32.0	0.78	31.2
R-15.6	4.00	30.0	0.83	33.3
R-17.5	4.50	26.6	0.94	37.6
R-19.5	5.00	24.0	1.04	41.7
R-21.4	5.50	21.8	1.15	45.9
R-21.9	5.625	21.3	1.17	46.9
R-23.3	6.00	20.0	1.25	50.0

\* (R) - Value of spray product is a measure of insulation and adhesive only.  
Test No. WEF 3-3 Ref-ASTM-C518-85 (R-MATIC) Holometrix Inc. Thermophysics Lab. Cambridge, Mass