



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF STATE POLICE

November 27, 1984

R. Keene Christopher, President
Air Krete, Inc.
P.O. Box 380
Weedsport, NY 13166

RE: BMR File No. 018-83

Dear Mr. Christopher:

The following action was taken at the November 13, 1984 meeting of the Advisory Board of Materials Review, with my concurrence:

1. Your Certificate of Compliance Application was approved for renewal. Attached you will find your approved copy, plus two additional forms for filing next year. Failure to file the annual Certificate of Compliance or advise us of changes in the product will result in automatic suspension or cancellation of the product.
2. Your request that "Air Krete Insulation" be listed on our original Application as a firestopping material in accordance with Section 919.0 was approved. A copy of the amended "Notification of Listing" is attached.

If you have any questions concerning the above stated, please feel free to contact me.

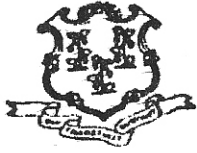
Very truly yours,

A handwritten signature in cursive script that reads "Leo Belval".

LB:pa
Attachments

Leo Belval
State Building Inspector

PHONE 238-6011
294 Colony Street, Meriden, CT 06450-2098
An Equal Opportunity Employer



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF STATE POLICE
BUREAU OF STATE FIRE MARSHALL

Commissioner of Public Safety

Notification of Listing

File No. BMR 018-83

Date of Listing: November 15, 1983

Expiration Date: November 15, 1984

1. **Manufacturer:** Air Krete, Inc.
P.O. Box 380
Weedsport, NY 13166
2. **Listed Unit:** Air Krete Insulation - ultra-light cementitious thermal and acoustical insulation.
3. **Application:** Foamed-in-place cavity fill insulation. Used as a firestopping material (amended at BMR meeting of November 13, 1984).
4. **Applicable Code References:** Connecticut Basic Building Code, Section 876 (Insulation)
Connecticut Basic Building Code, Section 919.0 (Firestopping)
5. **Conditions of Listing:** That it be installed in accordance with the manufacturer's instructions.

An original copy of the listed application is on file in the State Building Inspector's office for inspection or reference.

(203) 238-6011

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STATE OF CONNECTICUT
DEPARTMENT OF HEALTH SERVICES
LABORATORY DIVISION

P.O. Box 1689, Hartford, Conn. 06101

REPORT OF LABORATORY EXAMINATION

Reported July 29, 1983

Specimen No. 15599 n Collector's No. _____ Town of Manchester

Report of Examination of Sample pulled from: material made for test run sample of Air Krete Insulation

for DEP, State Office Building

Source Air Krete, Inc., P.O. Box 380, Weedsport, NY 13166

Collected by S. Nichols (J. Royce)

Collected on 7/21/83 hr. M. Rec'd _____ hr.

Reason for Examination: Microscopic exam of blocks & powder: ash mat., % carbon, heat sample to

The examination gives the following results: 150°F & anal. for organics; any color changes

LAB RESULTS:

Microscopic - 2-10 micrometer particles, in 100 um aggregates, looking like outlines of foam bubbles. Not crystalline; dissolves rapidly in acid with gas evaluation-high carbonate content.

Heating: Sample heated at 150°F for 2 hours - no color change occurred, no formaldehyde was detected. No organic vapors detected.

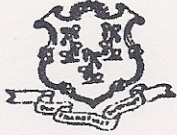
Metals: Atomic Spectroscopy for selected metals gave the following results:
Mg - 22.1%; Al - 1.03%; Fe - 0.006%; Mn - 0.006%; Zn - 0.001%; Cu - 0.003%.
Ca - 0.33%

Ash: Sample muffled 25 hours @ 700°F. Results: Shape retained, color change from pink to white. Average of (3) samples produced ash of 98%.
(See Below)

<u>P=</u>	<u>PWt</u>	<u>SWting</u>	<u>Gross Wt</u>	<u>Ashed Wt</u>	<u>% Ash</u>
45	31.92	0.99	32.91	32.56	98
29	31.58	1.47	33.05	32.42	98
4	32.61	0.96	33.57	33.2	98

JWB
J.W. BLISS
Env. Chem.
566-4818

8/2/83



STATE OF CONNECTICUT
 DEPARTMENT OF PUBLIC SAFETY
 OFFICE OF THE STATE BUILDING INSPECTOR
 294 COLONY STREET
 MERIDEN, CONNECTICUT 06450

CERTIFICATE OF COMPLIANCE

DATE OF APPLICATION NOVEMBER 3, 1984

FAILURE TO FILE THE ANNUAL CERTIFICATE OF COMPLIANCE OR ADVISE OF CHANGES IN THE LISTED-UNIT WILL RESULT IN AUTOMATIC SUSPENSION OF THE LISTING.
 (SEE REVERSE SIDE FOR FURTHER INSTRUCTIONS)

1) LISTED-UNIT: / AIR KRETE INSULATION

2) NAME OF APPLICANT: AIR KRETE, INC.

ADDRESS: P.O. BOX 380 PHONE: 315-834-6609

CITY AND STATE: WEEDSPORT, NY ZIP CODE: 13166

MANUFACTURER: AIR KRETE, INC.

ADDRESS: P.O. BOX 380 PHONE: 315-834-9340

CITY AND STATE: WEEDSPORT, NY ZIP CODE: 13166

AGENT: NONE

ADDRESS: _____ PHONE: _____

CITY AND STATE: _____ ZIP _____

3) LISTED-UNIT TRADE NAME: AIR KRETE INSULATION

4) CATEGORY (IES) FOR WHICH LISTING WAS REQUESTED: Section 876, CBBC (1981)

SECTION 919 (same)

5) ANY CHANGE IN PRODUCT? YES: _____ NO: xxxxxxx

BMR FILE NO. 018-83

DATE OF LISTING: 11-15-83