



HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION

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REPORT OF FORMALDEHYDE EMISSIONS FROM WOOD PRODUCTS USING THE TWO HOUR DESICCATOR

TEST NO: F-623

DATE: May 2, 1983

Mill Submitting Samples AIR KRETE, INC., WEEDSPORT, NEW YORK
Material Submitted Air-Krete™ Insulation

I. Scope

This report contains a brief outline of the tentative test method, test identification, description of material, and formaldehyde emission results.

II. Test Method

Samples submitted for evaluation were weighed and placed into a nine (9) liter desiccator (250 mm ID). A 100 x 200 mm Petri Dish bottom containing 25 ml of distilled water is placed into the desiccator on top of a 400 ml beaker. The system is then sealed with the desiccator cover.

After 2 hours at 75°F +/- 1°F, the formaldehyde absorbed in the distilled water is analyzed using a chromotropic acid procedure, and the results reported as micrograms of formaldehyde per milliliter of water (ug/ml).

This test method generally follows FTM-1 "Tentative Small Scale Test Method for Determining Formaldehyde Emission from Wood Products, Two Hour Desiccator Test".

Formaldehyde Emission
Test Report

III. Identification

Test No. F-623 Date of Test April 19, 1983

Mill of Manufacture Air Krete, Inc.

IV. Description of Material

Air Krete Insulation

Sample was shipped wrapped in aluminum foil inside shoe box which was
taped closed. Received April 14, 1983

Color	<u>Pink</u>	Moisture Content
Weight	<u>81.86 grams</u>	Panel # 1 <u>---</u>
Conditioning	<u>0</u> days	Panel # 2 <u>---</u>

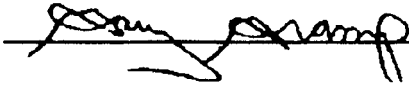
Test Results

	First Determination	Second Determination	Average	Temp.
Sample # 1	0.035		0.035ug/ml	75.5°F
			0.035 ug/ml	

REMARKS: A blank desiccator run at the same time measured 0.03 ug/ml.

Therefore, the insulation material did not contribute any formaldehyde

emissions.



This is a factual report of the results obtained from laboratory tests of sample products. The results may be applied only to the products tested and should not be construed as applicable to other similar products of the manufacturer. The HPMA does not verify the description of materials and products when the description is provided by the client. The report is not a recommendation or a disapprobation by the Hardwood Plywood Manufacturers Association of the material or product tested. While this report may be used for obtaining product acceptance; it may not be used in advertising.

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