

DYNATECH

Report on

THE APPARENT THERMAL CONDUCTIVITY AND THERMAL RESISTANCE
OF A SPECIMEN OF A CEMENTITIOUS FOAM INSULATION MATERIAL

Prepared for:

Air Krete, Inc.
Post Office Box 380
Weedsport, New York 13166

Dynatech Report Number CLR-3

Work Performed under Purchase Order Number 7572

Submitted by: _____

A. O. Desjarlais
Technical Director
Thermal Insulation Evaluation

January, 1983

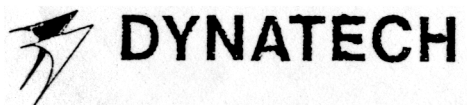


Table 1

THE APPARENT THERMAL CONDUCTIVITY AND THERMAL RESISTANCE
OF A SPECIMEN OF A CEMENTITIOUS FOAM INSULATION MATERIAL

<u>Specimen</u>	<u>Test Thickness</u>		<u>Test Density</u>		<u>Temperature</u>		<u>Apparent Thermal Conductivity</u>		<u>Thermal Resistance</u>
	<u>mm</u>	<u>inches</u>	<u>kg m⁻³</u>	<u>lbs ft⁻³</u>	<u>C</u>	<u>F</u>	<u>Wm⁻¹K⁻¹</u>	<u>Btu in hr⁻¹ft⁻²F⁻¹</u>	<u>Btu⁻¹hr ft²F</u>
1	41.2	1.62	33.2	2.07	24	75	0.0371	0.257	6.3