



VTEC Laboratories Inc.

November 21, 2011

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Subject: Standard Test Method For Thermal Conductivity
According to ASTM C 518.

Job #: 100-3783-2

Tested: November 19, 2011

Sample Description: Aircrete Greensulation

RESULTS:

Sample Thickness	Hot Face Temp	Cold Face Temp	Average Temp	Thermal Conductivity	Total Thermal Resistance	Thermal Resistance per inch
inch	Deg F	Deg F	Deg F	BTU·in/hr·ft ² ·F°	hr·ft ² ·F°/BTU	hr·ft ² ·F°/BTU·in
3.5	77.23	66.95	72.09	0.321	10.89	3.11

NOTE: Specimen had several cracks that were closed by applying side pressure to the samples and gaps were filled with smaller pieces and powder.


Neil Schultz
Executive Director


Amirudin Rahim
Technical Director

DISCLAIMER: This test result alone does not assess the fire hazard of the material, or a product made from this material, under actual fire conditions. Consequently, the results of this test alone are not to be quoted in support of claims with respect to the fire hazard of the material or product under actual fire conditions. The results when used alone are only to be used for research and development, quality control and material specifications.

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