

BRC LABORATORY

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Certificate of Analysis

Report To: Innovative Designs Inc.
 124 Cherry Street, Suite 1
 Pittsburgh, PA 15223-2243

Report No. BRC 1506002

Test No. T1506-6S.05

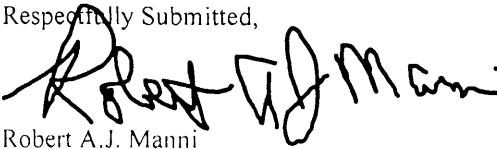
Item: Insultex insulating house wrap style 1.5 mm (1.0 mm Insultex and 0.5 mm composite membrane backing)

Specimen Nos. 001

Method: The test material was prepared and analyzed as outlined in AOAC, ASTM guidelines and according to the standard operating procedures of BRC Laboratory based on ISO 17025 requirements.

Results: The samples submitted were identified by the client as insulated house wrap. The samples were conditioned in the laboratory at ambient temperature. The samples logged into the laboratory data base were subjected to the following analysis: R-Value Testing as per a modified ASTM C518, Thermal Resistance Measurements. The results in this report were obtained with a heat-flow meter built and operated in accordance with a modified ASTM C518-10 test method in which a 0.75 inch air gap was present on both hot and cold sides of the analysis chamber and via the programming software all components of the test instrumentation as well as both of the air gaps were brought to a steady state temperature prior to the test being started and once this steady state occurs the system automatically starts the analysis and once the analysis is completed the results are automatically calculated.

Respectfully Submitted,



Robert A.J. Manni
 President/CEO
 BRC Laboratory

The test results in this report apply only to the specimens tested. The tests conform to the respective test methods except for the report requirements. The report includes summary data. A full complement of data is available upon request from the proper party. This report shall not be reproduced, except in full, without written approval of BRC Laboratory. This report must not be used by the client to claim product endorsement by BRC Laboratory.

Thermal Conductivity Test

Test Date:
Test Time: 14:00
Report Filename: C:\Projects\BRC Labs\Data\Test Rep
Test Duration: 200 minutes
Starting Temperature: 50 ^C
Ending Temperature: 100 ^C
Update Interval: 10 minutes
Calculated R-Value: 6.05

Time	Product	Hot Plate	Cold Plate	Delta T	Heat Flux	R-Value
00:00	Insultex Lot #5030	90	52	38	6.3	6.03
00:00:30	Insultex Lot #5030	90	51	39	6.3	6.19
01:00	Insultex Lot #5030	90	51	39	6.4	6.09
01:30	Insultex Lot #5030	90	50	40	6.5	6.15
02:00	Insultex Lot #5030	90	51	39	6.5	6.00
02:30	Insultex Lot #5030	90	51	39	6.5	6.00
03:00	Insultex Lot #5030	90	51	39	6.6	5.91

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