



Measuring the R-value of Thermal Insulation at Various Temperatures

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*SUPERSEDES EXISTING DOCUMENTS

R-Value is often the topic of conversation when it comes to building material insulations. In our discussions with industry professionals, we have noticed the knowledge level of R-Values and R-Value Testing can vary significantly. Below are two links to Technical Reports developed by R&D Engineering that were designed to provide some insight on R-values, R-value measurements and the calculation of R-values.

For a simplified overview, reference R&D Engineering Technical Report **RD18196** Technical Bulletin 2017-1

For a more in-depth overview, reference R&D Engineering Technical Report **RD18197** Technical Bulletin 2017-2



Technical Report
Measuring the R-Value of Thermal Insulation at Various Temperatures

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Report: RD18196



Michael Joyce, PE, LEED AP

March 12, 2018

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 but a full complement of data is available upon request. This report shall not be reproduced, except in full, without written approval of R & D Services, Inc. This report must not be used by the client to claim product endorsement by R & D Services, Inc., IAS or any other organization.



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