



NIRMA
UNIVERSITY

INSTITUTE OF TECHNOLOGY

No. : NU/IT/MECH/TIL/2018_06/472

National Laboratory for Testing and Development of Thermal Insulations

A Project under the National Facilities in Engineering and Technology with Industrial Collaboration (NAFETIC) Scheme of AICTE

TEST CERTIFICATE

Name of industry : M/s Rivashaa Eco Design Solutions Pvt. Ltd.
3rd Floor, Royale Manor, Near Rangwala Tower, Law Garden,
Ellis Bridge, Ahmedabad - 380006, Gujarat, India

Kind Attn: **Mr. Udeet J. Banker**, Director

Test : Determination of temperature drop across the insulation

Test method : The bottom surface of the specimen is kept at 70° C whereas the upper surface is exposed to the atmosphere. Side walls are insulated. Once the steady state is reached, the temperature of the upper surface is measured. The temperature drop is calculated as a difference of the bottom and upper surface temperature.

Specimen details : Expanded Clay Aggregate Cemented Mortar based Thermal Insulation

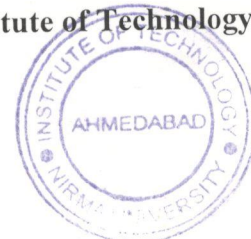
Test Results :

Temperature drop : 20.5 °C

**Professor
Incharge**

**Professor & Head,
Mechanical Engineering Deptt.**

**Director
Institute of Technology**



Date: 05/06/2018