



NIRMA
UNIVERSITY

INSTITUTE OF TECHNOLOGY

No. : NU/IT/MECH/TIL/2018_07/ 735
13-7-18

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 specimen is kept on the hot plate at specified temperature and other surfaces are kept open to atmosphere. Once steady state is achieved, the temperatures of hot plate, top and bottom surfaces of specimen are measured using temperature sensors. The temperature drop is calculated as difference of top and bottom surface temperature.

Specimen details : Thermal Insulation Flooring Block

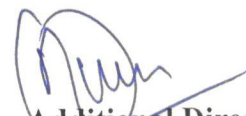
Thermal Insulation Flooring Block is a composite material made from Cement, Fly Ash and Expanded Clay Aggregate

Test Results :

Hot plate Temperature °C	Top surface temperature °C	Bottom surface temperature °C	Temperature drop °C
71.09	63.39	44.59	18.8


**Professor
Incharge**


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


**Additional Director
School of Engineering
Institute of Technology**



Date: 13/07/2018

Institute of Technology, Nirma University