



**NIRMA**  
**UNIVERSITY**

**INSTITUTE OF TECHNOLOGY**

No. : NU/IT/MECH/NAFETIC/2015\_12/

**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 REPORT**

*Name of Industry* : Jindal Mechno Bricks Pvt. Ltd.  
Village Badli , District Jhajjar, Haryana

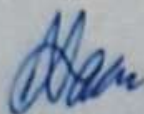
*Kind Attn: Mr S P Jindal, Director*

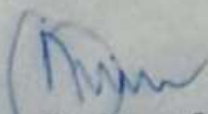
*Test* : Determination of thermal conductivity of Tile sample

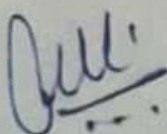
*Test method* : Guarded Hot Plate Method as per ASTM C177/ISO 8302

**Test Results**

<i>Details of Material Tested</i>	<i>Thermal Conductivity at approximately 30°C specimen mean temperature</i>
Roof Tile (with holes)	0.4474 W/m.K

  
**Investigators**

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

  
**Director  
Institute of Technology**



Date: 16/12/2015