

Table of Contents

Preface

Insulating Materials for Energy Saving in Buildings A. Kumar, R. Deoliya and P.S. Chani	1
Soil Based Building Materials for Energy Efficiency S. Liuzzi and P. Stefanizzi	15
Glass-Wool Insulation: ECBC Compliance and Green Building Aspect B. Roy	39
Energy Efficient Skylight Design in Tropical Houses K.M. Al-Obaidi, M. Ismail and A.M. Abdul Rahman	45
Thermal Insulation System for Energy Efficiency K.K. Mitra	57
Straw Bale: An Innovative Sustainable Material in Construction A. Chaussinand	69
Fundamental Parameters of Heat and Moisture Transfer for Energy Efficiency in Buildings S. Liuzzi and P. Stefanizzi	79
Energy Efficient Techniques for Construction: Planning of a Sustainable Community K.S. Rakesh and M.P. Devaki	95
Recycling of Construction and Demolition Waste Material for Energy Savings in India T.S. Brar, M.A. Kamal and P. Emerson	107
Drivers and their Relationship with Inhibitors Influencing the Adoption of Stabilized Earth Construction to Alleviate Urban Housing Crisis in Zimbabwe M.S. Zami	119