

Draft copy

Design and Construction Aids in Advanced Geosynthetics Engineering

J. N. Mandal

About this book:

This book is the source of current state-of-the-art knowledge and practice which he has acquired on his geosynthetic key design and analysis for their use across the world. This book is primarily focused on the areas of transportation engineering, environmental engineering ,geotechnical engineering ,and water resources/coastal /marine engineering .It will be very much useful as a design reference guide for practicing engineers to enable him or her to properly correct way to design, select, test, specify, install and construct with wide range of non-woven and woven geotextiles,

geogrids, geomembrane, geocomposite, geosynthetic clay liner, geocell (geoweb), geonet, geotube(geocontainers) geojute and geocoir, geofoam , prefabricated vertical band(strip or wick) drain, and other related products. After an overview, testing property, filtration, drainage and erosion control, pavement(unpaved, paved, railway/runway, pavement overlay/ashphalt overlay/reflection cracking), embankment, reinforced soil wall, steep slope, ground improvement, bearing capacity, landfill(waste containment systems), geotube and geofoam and installation of geosynthetics for these major applications. This book will be very useful to geosynthetic/geotechnical/textile/polymer/consulting engineer/government officials, professors/undergraduate and graduate students of civil engineering, specifiers, project designers, distributors, contractors and manufacturers. All designs, plans and specifications are innovative, creative, economical , feasible, viable and sustainable.

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Mechanical Properties:

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