

Textiles in Civil Engineering Applications

By Senthil Kumar

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand ******. Civil engineering applications have a wide spread demand with growing and emerging economies building capacity and infrastructure rapidly. Civil engineering and building industry are an integral part of the development of human society as they involve the planning, design, building, operation and maintenance of infrastructure. Historically, major developments in structural engineering have only been possible because of parallel developments in the technology of construction materials. Textiles, polymers and composites are increasingly being utilized in the construction sector. Textiles play an important role in the modernization of infrastructures, offering peculiar properties such as light weight, strength and resilience as well as resistance to many factors such as creep, degradation from chemicals, sunlight and pollutants.





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