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Titolo	Organic materials for sustainable construction // edited by Yves Mouton
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2011
ISBN	1-118-61673-1 9781118616734 1-299-31520-8 1-118-61696-0
Descrizione fisica	1 online resource (682 pages)
Collana	ISTE
Altri autori (Persone)	MoutonYves
Disciplina	624.1/8
Soggetti	Polymers Building materials Synthetic products Organic compounds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Problems regarding organic materials and sustainable development -- pt. 2. Organic polymers as building materials -- pt. 3. Manufactured products -- pt. 4. Composite materials, tensile structures, textile architecture and timber -- pt. 5. Organic binder-based materials -- pt. 6. Organic compounds built-in into cement matrices -- pt. 7. Problems specific to organic materials : adhesive bonding and characterization methods -- pt. 8. Organic materials, construction, architecture, creation and sustainable development.
Sommario/riassunto	This book provides an inventory of organic materials and products, the major components of all civil engineering projects, in terms of their scientific and technical background, including the regulations that cover their use and their predicted useful life. Such materials include: bitumen on the roads; geotextiles for retaining walls; membranes for bridges; tunnel and reservoir waterproofing; paint binders to protect metallic and concrete structures or to realize road markings; injection resins; gluing products; concrete admixtures; and composite materials.

The presentation is based on a

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