Record Nr. UNINA9910826169603321 Developments in fiber-reinforced polymer (FRP) composites for civil **Titolo** engineering / / edited by Nasim Uddin Pubbl/distr/stampa Cambridge, UK:,: Woodhead Publishing,, 2013 **ISBN** 0-85709-895-0 Edizione [1st edition] Descrizione fisica 1 online resource (xxxi, 525 pages): illustrations (some color) Collana Woodhead Publishing series in civil and structural engineering, , 2052-4714;; number 45 Disciplina 620.1 620.1/18 Soggetti Reinforced plastics Fibrous composites Fiber-reinforced concrete Reinforced concrete construction Polymeric composites Civil engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "ISSN: 2052-4714." Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto part I. General developments -- part II. Particular types and applications. Sommario/riassunto The use of fiber-reinforced polymer (FRP) composite materials has had a dramatic impact on civil engineering techniques over the past three decades. FRPs are an ideal material for structural applications where high strength-to-weight and stiffness-to-weight ratios are required. Developments in fiber-reinforced polymer (FRP) composites for civil engineering outlines the latest developments in fiber-reinforced polymer (FRP) composites and their applications in civil engineering.

(FRP) use, reviewing recent advancements

Part one outlines the general developments of fiber-reinforced polymer