Record Nr. UNISALENTO991003214249707536 **Titolo** Galvanized steel reinforcement in concrete [e-book] / edited by Stephen R. Yeomans Pubbl/distr/stampa Amsterdam; London: Elsevier, 2004 **ISBN** 9780080445113 008044511X Descrizione fisica xvii, 297 p.: ill. (some col.); 25 cm Altri autori (Persone) Yeomans, Stephen R. Disciplina 624.18341 Soggetti Reinforced concrete Reinforcing bars Steel, Galvanized Electronic books. Lingua di pubblicazione Inglese **Formato** Risorsa elettronica Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references and index Nota di contenuto 1. Galvanized Steel in Concrete An Overview, 2. Design for Durability with Galvanized Reinforcement, 3. Corrosion of Metals in Concrete, 4. Zinc Materials for Use in Concrete, 5. Electrochemical Aspects of Galvanized Reinforcement Corrosion, 6. Laboratory and Field, 7. Performance of Galvanized Steel in Concrete, 8. The Bermuda Experience: Leading the Way on Galvanized Reinforcement, 9. Bond of Steel in Concrete and the Effect of Galvanizing, 10. Summary Chapter Sommario/riassunto Reinforced concrete is one of the most widely used modern materials of construction. It is comparatively cheap, readily available, and suitable for a variety of building and construction applications. This reference provides a detailed resource covering all aspects of this important material. Both servicability and durability aspects are well covered, with all the information needed maximise the life of buildings constructed from it. Containing an up-to-date and comprehensive collection of technical information and data from world renound authors, it will be a valuable source of reference for academics, researchers, students and professionals alike. \*Provides information vital to prolong the life of buildings constructed from this versatile material \* Brings together a

disparate body of knowledge from many parts of the world into a

concise and authoritative text \*Containing an up-to-date and comprehensive collection of technical information