

1. Record Nr.	UNINA9910807964703321
Titolo	Concrete : design, construction, examples / / Martin Peck (ed.)
Pubbl/distr/stampa	Basel : , : Birkhauser Munich : , : Edition Detail, , [2006] ©2006
ISBN	3-0346-1474-8
Descrizione fisica	1 online resource (110 pages) : illustrations (some color), plans
Collana	DETAIL Practice Detail practice
Altri autori (Persone)	PeckMartin
Disciplina	110
Soggetti	Concrete Concrete construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- 7 The material concrete -- The evolution of reinforced concrete / Peck, Martin -- The basics of concrete technology / Peck, Martin -- The properties of concrete / Peck, Martin -- Translucent concrete / Bittis, Andreas -- Textile-reinforced concrete / Schätzke, Christian / Schneider, Hartwig N. -- Lightweight wood particle concrete - properties and potential applications / Krippner, Roland -- Sustainability and recycling / Lieblang, Peter -- Designing with concrete -- Building with precast concrete elements - design options / Hild, Andreas / Ottl, Dionys -- Concrete projects -- Concrete projects / Peck, Martin -- Polished concrete - Liechtenstein National Museum of Art, Vaduz / Adam, Hubertus -- Relief concrete - University library, Utrecht -- Rough texture - youth art centre, Mouans-Sartoux -- Fair-face concrete -- The design of fair-face concrete structures / Meck, Andreas / Frank, Susanne -- Fair-face concrete surfaces -- Fair-face concrete - design and construction / Peck, Martin -- Appendices -- Standards and directives (selection) -- Bibliography (selection) -- Index -- Picture credits
Sommario/riassunto	Beton - gestalten und konstruieren mit dem Baustoff der Zukunft Beton ist dank seiner nahezu beliebigen Formbarkeit, seiner konstruktiven Vielseitigkeit und einfachen Bautechnik der Baustoff der Gegenwart.

Neben einer sorgfältigen gestalterischen und konstruktiven Planung sind Ausschreibung und Bauvertrag die Basis einer gelungenen Baudurchführung. Das Buch vermittelt das Grundverständnis zum Umgang mit dem Material mit besonderem Blick auf die Rolle des Architekten bei Planung und Bauleitung. Aktuelle Tendenzen in der Baustofftechnologie, die Entwicklung innovativer Betone werden dabei ebenso vorgestellt wie Erfahrungsberichte ausführender Architekten. Der Band erläutert darüber hinaus die Neufassung DBV/BDZ - Merkblatt "Sichtbeton".

Concrete-design and build with the construction material of the future
With its virtually infinite plasticity, its constructional versatility, and its simple and straightforward building technology, concrete is the building material of the present. In addition to careful design and constructional planning, the invitation of bids and the building contract are the keys to a successful implementation. Building with Concrete provides the basic information needed to work with the material, with special attention to the architect's role in planning and construction management. It describes current trends in concrete technology and the development of innovative new types of concrete, with firsthand reports by architects in the field. It also describes the new version of the DBV/BDZ data sheet "Exposed Concrete."
