

1. Record Nr.	UNINA9910810542503321
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Titolo	Innovative design + construction : manufacturing and design synergies in the building process // with contributions by Herwig Barf [and twenty five others] ; translator, Roderick O'Donovan
Pubbl/distr/stampa	Munich, Germany : , : Institut fur internationale, , 2010 ©2010
ISBN	3-95553-171-6
Descrizione fisica	1 online resource (114 p.)
Collana	DETAIL Development
Disciplina	729
Soggetti	Architectural design Architectural design - Management Construction projects - Management
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.
Nota di contenuto	Front matter -- Contents -- INTRODUCTION -- Foreword / Schittich, Christian -- Innovative Architecture - Research and Development / Behling, Stefan / Fuchs, Andreas -- Cooperation between Producers and Designers / Brensing, Christian -- Portrait -- STEEL AND GLASS CONSTRUCTIONS -- European Investment Bank, Luxembourg -- Design and Implementation / Ingenhoven, Christian -- Energy Concept and Facade Design / Barf, Herwig / Jurenka, Michael -- Fire Protection Planning / Klingsch, Wolfram / Rettner, Rebecca -- Structure and Teamwork -- Westfield London / Passam, Laura -- Digital Process Chain from Design to Execution / Knippers, Jan / Helbig, Thorsten -- The Westfield Roof - from Concept to Fitting / Hartl, Günter -- The Role of the Facade Consultant -- Minimised shell structures - Challenges and Prospects / Ludwig, Josef J. -- FOILS AND MEMBRANES -- Allianz Arena, Munich -- From the Idea to the Detail -- Roof Structure and Vertical Facade / Findeiß, Rudolf / Pravida, Johann / Stepan, Kurt -- Design Aspects of ETFE Foil Cushions / Moritz, Karsten -- Development of Lightweight Building Shells / Moritz, Karsten -- ELEMENT FACADES -- The Future of the Element Facade -- 7 More London: Developing the Production of the Aluminium Element Facade / Fauland, Andreas -- Construction Management -- Tender Process and

Design -- Facades of High-Rise Buildings - Trends and Tendencies / Wimer, Ross -- STRUCTURAL USE OF GLASS -- Innovative Processes in the All-Glass Sector / Kassnel-Henneberg, Bruno -- Possible Applications of Cold-bending -- Fascinated by Glass -- Glass Bridge and Glass Staircase: Applied Research Projects / Behling, Stefan / Fuchs, Andreas -- Developing the Details -- The Floating Seat -- TriPyramid Structures / Eliassen, Tim -- Challenges and Potential of Structural Glass -- TESTING AND INSPECTION PROCEDURES -- Testing and Inspection Procedures -- LIST OF SEELE PROJECTS • APPENDIX

Sommario/riassunto

How is innovative architecture created? How can efficient synergies between planners and manufacturers be achieved? And how does an enterprise such as seele, with its proven high-level qualifications in the area of steel and glass, respond to planners' design ideas? These are just some of the questions answered in "Innovative Design + Construction", the new publication in the DETAIL development series. Using prestigious international projects as examples, the book explains the working philosophy and approach of the seele company, which stands for innovation in construction and customised solu
