

1. Record Nr.	UNINA9910813437903321
Autore	Reichel Alexander
Titolo	Building with steel : details, principles, examples / / Alexander Reichel [and three others]
Pubbl/distr/stampa	Basel : , : Birkhauser Munich : , : Edition Detail, , [2007] ©2007
ISBN	3-0346-1478-0
Descrizione fisica	1 online resource (114 p.)
Collana	DETAIL Practice Detail practice
Altri autori (Persone)	ReichelAlexander
Disciplina	114
Soggetti	Building, Iron and steel Steel, Structural Metal products
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Frontmatter -- Contents -- Introduction / Reichel, Alexander -- Example A -- Example B -- Designing the loadbearing structure -- Assembling and connecting -- Semi-finished products of steel -- Corrosion protection, fire protection, building performance -- Case studies in steel -- Appendix
Sommario/riassunto	Detail Practice: Building with Steel is a handbook for quick, goal- oriented reading and implementation. Case study projects exemplify common norm details using large-scale drawings. The fundamentals of planning load-bearing structures provide design and planning help. This is supplemented by explanations of common load-bearing structures using examples of residential, office, hall and industrial buildings. Issues of fire safety and building physics particularly relevant to steel construction are treated alongside the use of steel as a material for cladding facades. Detail Practice: Building with Steel ist ein Handbuch für das schnelle, zielgerichtete Nachlesen und Umsetzen. Beispielpunkte erläutern gebräuchliche Regeldetails anhand großmaßstäblicher Detailzeichnungen. Grundlagen zur Tragwerksplanung helfen bei

Entwurf und Planung. Ergänzend sind gängige Tragwerke an Beispielen wie Wohnungs-, Verwaltungs- und Hallenbau erläutert. Die im Stahlbau besonders relevanten Fragen zu Brandschutz und Bauphysik sind ebenso behandelt wie der Einsatz von Stahl als Material für Fassadenbekleidungen.
