

1. Record Nr.	UNINA9910554276603321
Autore	Kummer Nils
Titolo	Basics masonry construction // Nils Kummer
Pubbl/distr/stampa	Basel, Switzerland : , : Birkhauser Verlag GmbH, , [2006] ©2006
ISBN	3-0356-2317-1
Edizione	[Second, updated edition.]
Descrizione fisica	1 online resource (76 pages)
Collana	Basics
Disciplina	693.1
Soggetti	Masonry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- Foreword -- Introduction -- Rules of construction -- Masonry structures -- Building materials -- In conclusion -- Appendix
Sommario/riassunto	<p>Der Mauerwerksbau steht in aller Regel an erster Stelle der konstruktiven Übungen im Studium. Die Grundprinzipien der Maßlichkeit, der Konstruktion und des Bauteilfügens werden an einfachen Mauerwerksbauten entwickelt. Themen: Material und Maße Bauphysikalischen und tragkonstruktiven Eigenschaften Typischen Verbänden Bauteile Ausführung von Mauerwerk</p> <p>Masonry construction is usually the first building exercise the student encounters in his or her training. This volume elaborates the fundamental principles of scale, construction, and assembly of building components using simple masonry structures as examples. Topics: materials and measurements building physics and load-bearing structures typical bonds building components execution of masonry structures The present volume aims to introduce students systematically to the subject of masonry. Bricks and mortar, the elemental basic components, are used to devise rules for building a wall. The emphasis is on the overall systems and material-dependent properties. The interplay of bricks, the forms of masonry bonds, and the aesthetic of masonry with wall apertures, projections and recesses are explained soundly and methodically so that students can understand the essence of masonry and apply their insights directly to their designs and projects.</p>

