

1. Record Nr.	UNINA9910554488103321
Autore	Siegemund Ann-Christin
Titolo	Basics roof construction // Ann-Christin Siegemund
Pubbl/distr/stampa	Basel : , : Birkhauser, , [2020] ©2020
ISBN	3-0356-1947-6 3-0356-1958-1
Edizione	[Third edition.]
Descrizione fisica	1 recurso online (80 p.)
Collana	Basics
Disciplina	695
Soggetti	Roofs - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- Foreword -- Introduction -- Basics and design factors -- Sloping roofs -- Roof construction -- Roof construction layers -- Flat roofs -- Additional components -- In conclusion -- Appendix
Sommario/riassunto	A roof over one's head is a basic need – it provides shelter from rain, wind and the cold. In addition to these requirements, the structure must be load bearing and stable. Out of traditional craftsmanship, roof shapes and typologies have developed that fulfill these tasks and endure to this day. Basics Roof Construction describes the different kinds of roofs and which advantages and disadvantages each of them has. It explains which tasks are performed by the structural elements and layers and how to account for these in planning construction. The objective is to provide students with the principles, properties and technical terms of construction so that they can implement this knowledge in concrete design plans: from building, to insulation and sealing, all the way to the basics of drainage.