

## Table of contents

Before you start...	8
House of Earth	12
1.1 Why build with earth	15
1.2 Earthen building techniques	18
1.3 Clay-soil	27
1.4 Sand	34
1.5 Straw	38
1.6 Other materials	42
1.7 Tools for earthen construction	46
1.8 Wall systems	53
1.9 Technical principles for earthen construction	60
1.10 Earthen building philosophy	64
2.1 Building with cob	70
2.2 Wood-cob, rock-cob and bale-cob	87
2.3 Light straw-clay	93
2.4 Straw-clay plaster	97
2.5 Building with blocks	100
2.6 Earthbag construction	106
2.7 Earthen finish plasters	111
2.8 Earthen floors	118
2.9 Clay paints	127
3.1 Foundations for heavy buildings	129
3.2 Earthen ovens	133

## This may be helpful...

Earth as a portal to becoming mortgage free	16
Regenerative building	23
What will it cost	31
How to calculate the amount of materials you need	36
Rhythm, routine and ritual	52
Hesitations about earthbags, tire houses and rammed earth	58
Building together with your community	66
How long does it take to build with earth	84
How earthen buildings moderate	91
Renovating your house with earth	95
How earthen buildings last	102
How heavy buildings work	107
Protecting an earthen house from moisture	113
Earthen buildings and the building code	121
Learning how to build with earth	136