

Interiors Construction Manual

INTEGRATED PLANNING
FINISHINGS AND FITTING-OUT
TECHNICAL SERVICES

Bg_N

HAUSLADEN
TICHELMANN

Birkhäuser
Basel

Edition Detail
Munich

Contents

Preface		6	Part D Technical services	
Introduction			"Gerhard Hausladen Heating, cooling, ventilation Friedemann Jung, Timm Rossel, Uta Steinwallner	174
On the idea of the interior Wolfgang Brune		10	Planning the electrical installation Johanne Friederich, Sebastian Wissel	186
Part A Space and form			Planning the sanitary installation Martin Ehlers, Peter Springl, Tobias Wagner	196
Gerhard Hausladen			Space requirements for technical services Robert Frohler, Christian Huber	208
1 Comfort Elisabeth Endres, Ulla Feinweber, Bernhard Friedsam		32		
2 Light Philipp Dreher, Christoph Matthias, Katrin Rohr		46	Part E Case studies	
3 Materials Ulla Feinweber, Thomas Ruhle, Judith Schinabeck		60	Project examples 1 to 20	213
Part B Integrated planning			Part F Appendix	
Gerhard Hausladen			Statutory instruments, directives, standards	274
1 Concepts and building typologies Julia Drittenpreis, Hana Riemer, Lars Klemm			Bibliography	277
2 Location factors Friedemann Jung		100	Authors	279
3 Energy and buildings Elisabeth Endres, Michael Fischer, Friederriann Jung		104	Picture credits	280
4 Energy supplies Cecile Bonnet, Tobias Wagner		108	Index of names	283
			Subject index	284
Part C Finishings and fitting-out				
Karsten Tichelmann, Bastian Ziegler				
1 Wall systems		120		
2 Ceiling systems		140		
3 Flooring systems		156		
4 Fire-resistant casing systems		168		