

## Designers' Guide to Eurocode 4: Design of Composite Steel and Concrete Structures

EN 1994-1-1

Designers' Guide to Eurocodes

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### About the Book

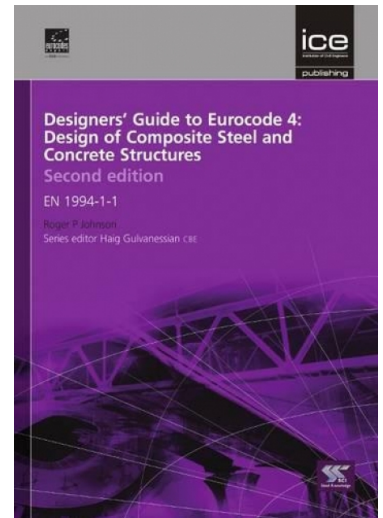
This series of Designers' Guides to the Eurocodes provides comprehensive guidance in the form of design aids, indications for the most convenient design procedures and worked examples. The books also include background information to aid the designer in understanding the reasoning behind and the objectives of the codes. All of the individual guides work in conjunction with the *Designers' Guide to EN 1990: Basis of Structural Design*.

*EN 1994*, or *Eurocode 4*, describes the principles and requirements for safety, serviceability and durability of composite steel and concrete structures. This guide provides the user with guidance on the interpretation and use of Part 1.1. of EN 1994, General rules and rules for buildings, with flow charts and worked examples designed to show how to deal with problems that can arise in applying the code. The relationships with other Eurocode parts are explained and the provision of background information and references enables users of *Eurocode 4* to understand the origin and objectives of its provision.

This new edition has been fully revised for changes in materials and products, problems that have arisen with interpretation, and response to questions from industry on unfamiliar methods. The chapters covering joints and composite slabs have been significantly updated in line with new developments and design approaches in these areas.

This guide is essential reading for

- civil and structural engineers
- code-drafting committees
- clients
- structural-design students
- public authorities



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