

# Standard method of detailing structural concrete





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# Foreword

*Standard method of detailing reinforced concrete* was published in 1970 and followed in 1973 by the Concrete Society's publication on *Standard reinforced concrete details*. This was updated in 1989 to incorporate a section on prestressed concrete and the title was amended to *Standard method of detailing structural concrete*. A steering group from across the concrete industry was formed to present guidance consistent with BS EN 1992 ('Eurocode 2'/'EC2') which was published in 2006 as the third edition.

The third edition was produced to prepare the concrete industry for the implementation of BS EN 1992. It is fair to say that while the Eurocode is less prescriptive than BS 8110, it also contains some ambiguities and variations from previous practice. It was therefore deemed necessary to produce this fourth edition. The primary aim is to clarify the application of BS EN 1992 to UK detailing practice, and to provide a consistent approach that can be applied by all members of the construction project team.

Guidance in BS 8110 was reasonably prescriptive and could often be implemented by a detailer without in-depth knowledge of the design of an element. The Eurocode, being less prescriptive, does require more information to be provided by the designer to the detailer. This edition clarifies where these situations occur, so that information is conveyed at the outset of the detailing phase.

There have been many welcome contributions to this new edition, but one I must mention is that of CADS (Computer and Design Services Ltd.) who have redrawn and updated all the Model Details in Chapter 6.

A new version of the Eurocode is currently being prepared but in the interim, the fourth edition of this *Manual* is expected to continue to be widely used, and provides useful new tables, guidance and details to assist in the detailing of reinforcement.



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Chair