

# Formwork for Concrete

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Prepared with review and guidance of  
ACI Committee 347, Formwork for Concrete

In addition to dealing with the basics of form design and construction, *Formwork for Concrete* presents chapters devoted to specialized problems of architectural concrete, mass concrete, shell structures, underground structures, and special construction techniques. The form design examples and the form design tables of Chapters 6 and 7 have been completely revised for the sixth edition. They now reflect the most recent changes in lumber design standards and allowable stresses, resulting from the lumber industry's in-grade testing program.

The text has been revised for consistency with the 1994 report of Committee 347, "Guide for Formwork for Concrete (ACI 347R-94)," which is reprinted completely in the appendix. The appendix also reprints verbatim the current OSHA regulations for concrete and masonry construction, as well as building code provisions for formwork from "Building Code Requirements for Reinforced Concrete (ACI 318-89, Revised 1992),"

Revisions for the sixth edition were reviewed and approved by the American Concrete Institute Committee 347.

**Keywords:** architectural concrete; **construction materials**; **falsework**; folded plate; **formwork (construction)**; mass concrete; **precast concrete**; prestressed concrete; **quality control**; reinforced concrete; shells (structural forms); tunnels.

The sixth edition of *Formwork for Concrete*, SP-4 was published in 1995. SP-4 has 500 pp. and is available in a cloth bound, hard cover format. An abstract of the book appeared in the *ACI Materials Journal*, V. 92, No. 6, November-December 1995.