

Second Edition

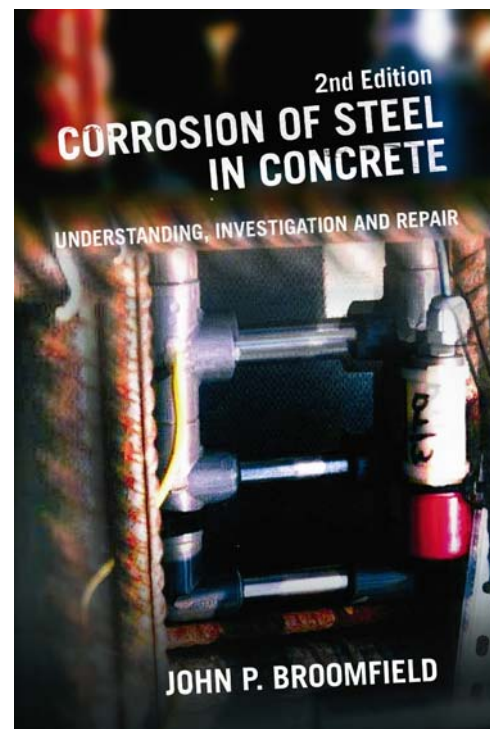
# Corrosion of Steel in Concrete Understanding, Investigation and Repair

John P. Broomfield

*Corrosion of Steel in Concrete* provides information on corrosion of steel in atmospherically exposed concrete structures and serves as a guide for those designing, constructing and maintaining buildings, bridges and all reinforced concrete structures.

This new edition incorporates the new European standards as well as USA and other international standards. It also covers developments in galvanic and impressed current cathodic protection, new electrochemical techniques such as electro-osmosis, and stainless steel clad reinforcing bars.

The corrosion of reinforcing steel in concrete is a major problem facing civil engineers and surveyors throughout the world today. There will always be a need to build structures in corrosive environments and it is therefore essential to address the problems that result. This is a book to educate about and forms a guide to the problems of corrosion, its causes and how to find solutions.



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