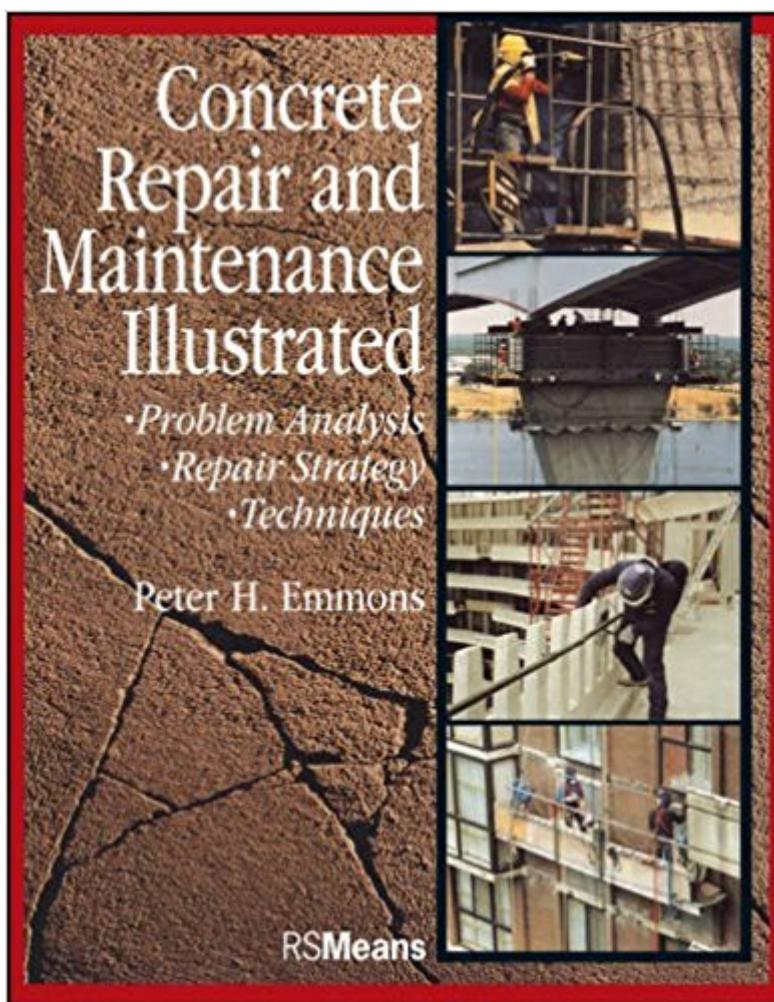


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# Concrete Repair And Maintenance Illustrated: Problem Analysis; Repair Strategy; Techniques



## Synopsis

From parking garages to roads and bridges, to structural concrete, this comprehensive book describes the causes, effects and remedies for concrete wear and failure. Hundreds of clear illustrations show users how to analyze, repair, clean and maintain concrete structures for optimal performance and cost effectiveness. This book is an invaluable reference for planning jobs, selecting materials, and training employees. With information organized in all-inclusive units for easy reference, this book is ideal for concrete specialists, general contractors, facility managers, civil and structural engineers, and architects.

## Book Information

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## Customer Reviews

Concrete Repair and Maintenance Illustrated Problem Analysis Repair Strategy Techniques Peter H. Emmons The tool you need to successfully carry out concrete repair and maintenance projects. Designed for ease of use by all participants in the repair process; contractors, engineers, material suppliers, owners and facility managers; the book's unique illustrated format provides an organized, quick and easy-to-follow examination of each topic. Over 220 major topics cover: Concrete Behavior Evaluating Concrete Problems Surface Repair Extensive, detailed illustrations throughout the book guide users in the proper planning and execution of repairs. Succinct coverage of topics in one- and two-page "modules" provides excellent references for use in presentations.

**About the Author:** Peter H. Emmons is president of Structural Preservation Systems, Inc., the nation's largest dedicated concrete repair contractor, headquartered in Baltimore, MD. Mr. Emmons holds a degree in civil engineering from the University of Maryland, has over 20 years experience in structural concrete repair, and has been involved with over 3,000 concrete repair projects. He is the author of many articles and publications and is a member of the board of directors and chairman of the Technical Guideline Committee for the International Association of Concrete Repair Specialists. He is also an active member of the American Concrete Institute. Mr. Emmons is committed to fostering a much needed strategic alliance between contractor, engineer, supplier, and owner to successfully address the complex, interactive requirements of effective concrete repairs.

Indepth book on concrete by an author who actually knows about the subject. The description on the sales page says it all. Worth the money to have this book in your library.

All concrete Maintenance is resumed here. The book isn't about materials, but is discussing why the cracks occur, how to repair it and how to prevent it. Clear presentation, a must in any Civil engineer personal library.

This book is a good reference for the repair process of many types of repairs. It is more of an overview of how the process works, but it does give some technical information.

Excellent book with good examples and diagrams for repair.

Will be of great use to us. Great diagrams with clear and concise explanations. Will be a pleasure to use and useful tool

This book came with a lot of good and useful infromation and tips for these kind Works. I am in a ver seismic area and the book helps me a lot

Standard repairs explained well

This book is very useful for every students who take civil engineering as their major. It give you all the explanation about concrete destruction because of nature and human error. And tells you how to repair it and to maintain it so it won't damaged more that it used to be. I find this book very helpful

for my thesis. Every civil engineering students and other major that related to it has to own this book.

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