

Sixty-first Annual Meeting Papers

Symposium on

SOME APPROACHES TO DURABILITY IN STRUCTURES



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Presented at the
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AMERICAN SOCIETY FOR TESTING MATERIALS
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CONTENTS

	PAGE
Introduction—E. C. Shuman.....	1
Some Factors Affecting Durability of Structural Clay Products Masonry—P. V. Johnson and H. C. Plummer.....	3
Discussion.....	12
Laboratory Testing and the Durability of Concrete—T. B. Kennedy.....	14
Durability Tests of Structural Sandwich—E. W. Kuenzi and L. W. Wood.....	27
Discussion.....	34
The Durability of Buildings—R. F. Legget and N. B. Hutcheon.....	35
Effect of the Atmosphere on Masonry and Related Materials—J. W. McBurney.....	45
Discussion.....	52
Relation Between Actual and Artificial Weathering of Organic Material—F. W. Reinhart.....	57
Closing Comments—E. C. Shuman.....	67

FOREWORD

The papers and discussions in this Symposium on Some Approaches to Durability in Structures were presented at the Third Session of the Sixty-First Annual Meeting of the American Society for Testing Materials held in Boston, Mass., June 23, 1958.

With the advent of curtain wall construction, the subject of durability in structures has become even more important than before, when the resistance to weathering of the exposed sections of buildings was always considered a major item in construction and maintenance. The fact that there is no single approach to achieving durability is very ably brought out in the six papers of this symposium.

A new aspect of what is involved in durability is presented in one paper in which the term "service life" is used which is based not only on the materials involved but the intended use or occupancy and the economic considerations as well, on a long range basis.

This Symposium was sponsored by Subcommittee II on Durability of ASTM Committee E-6 on Methods of Testing Building Constructions. Mr. E. C. Shuman, Owens-Corning Fiberglas Corp., Toledo, Ohio, was chairman of the symposium committee and presided over the technical session.

THIS PUBLICATION is one of many issued by the American Society for Testing and Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

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